MASS. WRA1.2: R31/2/Draft/v.2

UMASS/AMHERST
312066 0284 3509 7

Residuals Management Facilities Plan

for a cleaner Boston Harbor

GOVERNMENT DOCUMENTS
COLLECTION
OCT 9 1987
University of Massachusetts
Depository Copy

WATER RESOURCES AUTHORITY
MASSACHUSETTS

Black & Veatch
Boston, Massachusetts

[redacted]

Residuals Management Facilities Plan

for a cleaner Boston Harbor

WATER RESOURCES AUTHORITY
MASSACHUSETTS

Black & Veatch
Boston, Massachusetts

DRAFT REPORT ON SITE SCREENING ANALYSIS

Volume II - Site Screening Results

August 1987

Prepared for the

Massachusetts Water Resources Authority

Prepared by:

ERT - A Resource Engineering Company
Concord, Massachusetts
August 1987

Under Subcontract to:

Black & Veatch, Inc.
Boston, Massachusetts

Digitized by the Internet Archive
in 2015

https://archive.org/details/draftreportonsit02mass

NOTICE TO REVIEWERS

Transmitted herewith for your review is a draft report Site Screening Analysis, Volume II: Results. This report is one of several called for under the Special Procedure issued for the Residuals Management Facilities Plan (RMFP) by the Secretary of the Executive Office of Environmental Affairs in February 1986. This report describes the results of the process that has been used to identify and evaluate a large number of sites as potential locations of facilities that are needed to process, transport and dispose of the residual generated by treatment of municipal wastewater from the MWRA sewer service area. It identifies the twelve sites (2 island processing, 2 coastal processing and/or transfer, 3 inland processing, and 5 inland landfill) that have been recommended to the MWRA Board of Directors for more detailed study in the upcoming Candidate Options Evaluation. A description of the process used in the site screening is provided in the report Site Screening Analysis, Volume I: Methodology. The report Candidate Options Identification describes the process that has been used to combine the recommended sites with specific technologies and transportation systems to form "candidate options", or complete residuals management alternatives for detailed engineering and environmental analysis in the months ahead.

This is one of several reports that will serve as the basis for development of the RMFP, a draft of which is scheduled for completion in mid 1988. It will be formally submitted to MEPA in August 1987 together with the companion reports Site Screening Analysis, Volume I: Methodology and Candidate Options Indentification.

To date this document has received MWRA staff review and the results have been provided to the Board of Directors.

Daniel K. O'Brien, P.E.
Acting Director, Engineering Division
August 20, 1987

TABLE OF CONTENTS

		Page
1.	INTRODUCTION	1-1
2.	SITE IDENTIFICATION	2-1
3.	TIER 1 SCREENING	3-1
4.	TIER 2 SCREENING	4-1
5.	CANDIDATE OPTIONS	5-1
APPENDIX A	DATA CAPTURE FORMS FOR RECOMMENDED SITES	

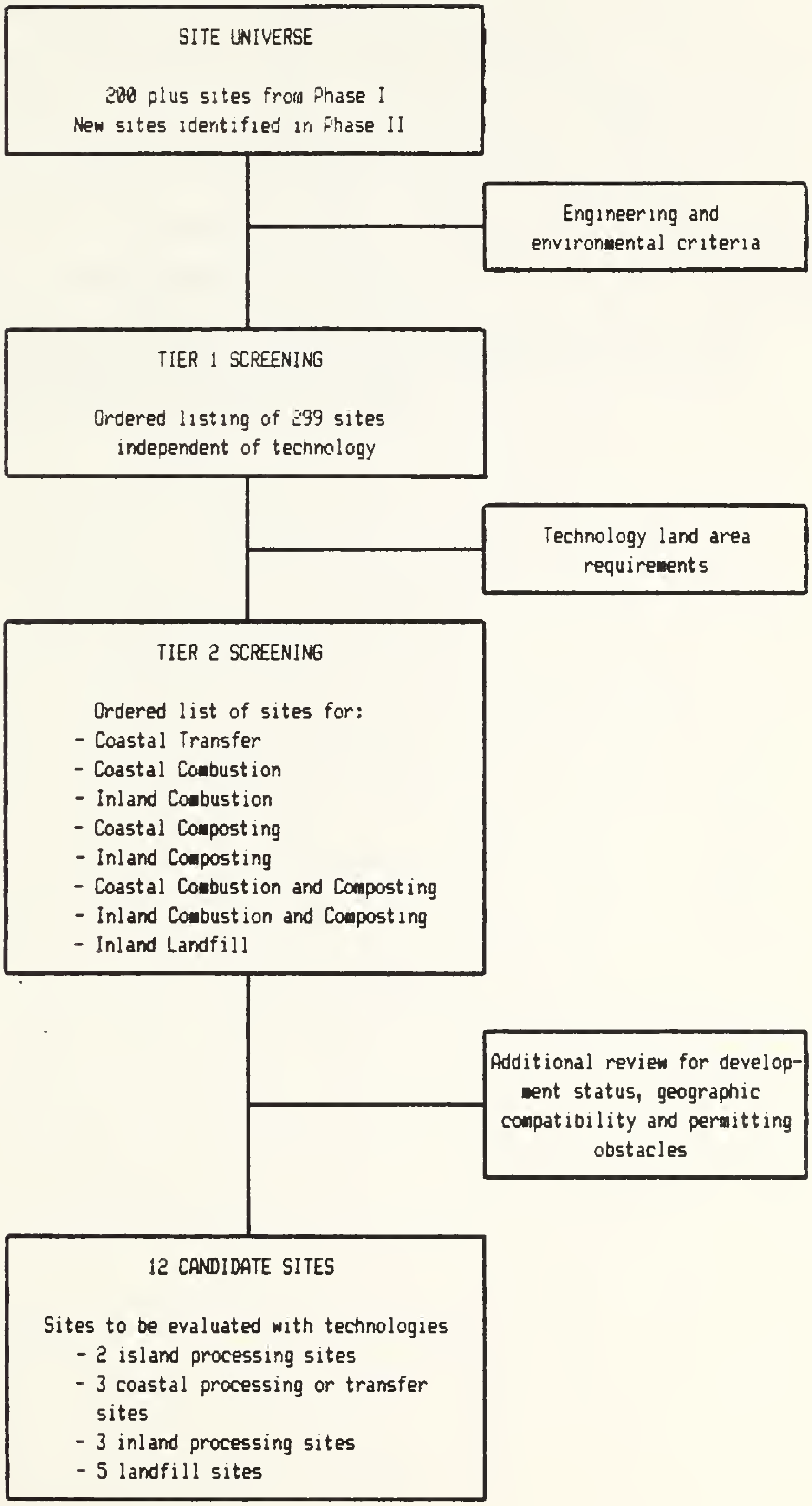
1. INTRODUCTION

This report summarizes the results of the site screening analysis performed as part of the development of a Residuals Management Facilities Plan (RMFP) by the Massachusetts Water Resources Authority (MWRA). The objective of the screening analysis is to identify and evaluate sites that could support a RMFP activity for the processing and disposal of municipal wastewater residuals. The screening analysis was completed in a manner consistent with the guidelines specified in the Special Procedure issued in February 1986 by the Massachusetts Executive Office of Environmental Affairs for the RMFP development.

The methodology used to perform the screening analysis is documented in the report: Draft Site Screening Analysis, Volume I - Site Screening Methodology (ERT 1987). The methodology developed for the site screening analysis entailed a phased approach starting with the identification of potential sites and leading to the identification of recommended sites for inclusion in the candidate options. An overview of the screening methodology is presented in Figure 1-1. The results of the application of the methodology for each phase of the RMFP site screening analysis are presented in the following chapters.

Chapter 2 of this report presents the universe of sites evaluated for possible inclusion in the RMFP. A list of 299 potential locations is presented including the approximately 200 sites considered in Phase I of the RMFP and the sites that were added to the universe during Phase II. Chapter 3 presents the results of the Tier 1 site screening. The Tier 1 results are an ordered listing of sites independent of any specific residuals management technology. Chapter 4 presents the results of the Tier 2 site screening. In Tier 2, technology-specific factors were used to produce separate ordered site listings for the residual program functions of transfer, combustion, composting and landfilling. Chapter 5

Figure 1-1
RMFP Siting Process


SITE UNIVERSE
200 plus sites from Phase I
New sites identified in Phase II
Engineering and environmental criteria
TIER 1 SCREENING
Ordered listing of 299 sites independent of technology
Technology land area requirements
TIER 2 SCREENING
Ordered list of sites for:
- Coastal Transfer
- Coastal Combustion
- Inland Combustion
- Coastal Composting
- Inland Composting
- Coastal Combustion and Composting
- Inland Combustion and Composting
- Inland Landfill
Additional review for development status, geographic compatibility and permitting obstacles
12 CANDIDATE SITES
Sites to be evaluated with technologies
- 2 island processing sites
- 3 coastal processing or transfer sites
- 3 inland processing sites
- 5 landfill sites

presents the 12 candidate locations recommended by the RMFP technical team for inclusion in the Candidate Options. Application of the results of the technology, transportation and residual characterization evaluations were the basis of the definition of the systems alternatives which specified one or more residuals management activities at general coastal and/or inland locations. These system alternatives were combined with the results of the Tier 2 screening to define the candidate options which specify landfilling, composting, and/or combustion at 12 different sites. The process used to select from the Tier 2 orderings the sites recommended for inclusion in the Candidate Options is described in the report entitled: Residuals Management Facilities Plan Candidate Options Identification (Black & Veatch 1987).

2. SITE IDENTIFICATION

Table 2-1 lists the 299 sites that were identified as potential locations for residuals management facilities. This includes all 200+ sites that were identifed during the Phase I study. In that phase of the study, inland sites were located throughout the MWRA service area; some coastal sites were in communities immediately adjacent to the service area. During Phase II, these were supplemented with sites that are within the MWRA service area and which, if located on the coast, are at least five acres in size or, if located inland, are at least 8 acres. Sites meeting these geographic and minimum acreage requirements and which were undeveloped, vacant or potentially underutilized comprise the site universe.

The sites in Table 2-1 are listed in alphabetical order by town. For each site, the table provides summary information on location, size and how the site was identified. The acreages shown were estimated from topographic maps and will be refined during detailed site assessment. As this table shows, the site universe included locations in each of the 43 communities in the MWRA sewerage service area. Some coastal sites are in communities adjacent to the service area.

SITE IDENTIFICATION TABLE LEGEND

```
==================================================================
| SITE ID     CITY/      TOTAL       USGS       INLAND/   SITE ID    |
| NUMBER      TOWN       ACRES    QUADRANGLE    COASTAL  ORIGINATION |
|--------------------------------------------------------------------|

    1           2          3           4           5          6
```

Column	Title	Description
1	Site ID Number	This is the unique identification code assigned to the site. It is composed of a three letter abbreviation of the town or city in which the site is located followed by a two digit number.
2	City/Town	This is the political jurisdication where the site is located.
3	Total Acres	This is the total contiguous acreage of the site as measured from a topographic map.
4	USGS Quadrangle	This identifies the 7.5 minute United States Geological Survey topographic map that contains the site.
5	Inland/Coastal	The code I indicates an inland site in the MWRA service area; C is the designation for a costal site and X signifies an island.
6	Site ID Origination	Sites identified during the Phase I study are noted by the code SEA. The number in parentheses is the SEA identification number. Sites identified during the Phase II study are coded ERT. A CEM code refers to additional sites from a CE Maguire site inventory report dated May 1986.

TABLE 2-1

SITE BANK INVENTORY

SITE ID NUMBER	CITY/ TOWN	TOTAL ACRES	USGS QUADRANGLE	INLAND/ COASTAL	SITE ID ORIGINATION
ARL-01	Arlington	27	LEXINGTON	I	ERT
ASH-01	Ashland	6	FRAMINGHAM	I	SEA (209)
ASH-02	Ashland	21	FRAMINGHAM	I	SEA (211)
ASH-04	Ashland	24	FRAMINGHAM	I	SEA (2)
ASH-05	Ashland	35	FRAMINGHAM	I	SEA (6)
ASH-06	Ashland	30	FRAMINGHAM	I	SEA (4)
ASH-07	Ashland	24	HOLLISTON	I	SEA (1)
ASH-08	Ashland	50	MARLBOROUGH	I	SEA (203)
ASH-09	Ashland	80	FRAMINGHAM	I	SEA (208)
ASH-10	Ashland	65	FRAMINGHAM	I	SEA (5)
ASH-11	Ashland	86	MARLBOROUGH	I	SEA (210)
ASH-12	Ashland	50	HOLLISTON	I	SEA (520)
ASH-13	Ashland	22	FRAMINGHAM	I	SEA (205)
ASH-16	Ashland	114	HOLLISTON	I	SEA (519)
ASH-17	Ashland	425	HOLLISTON	I	SEA (206)
ASH-18	Ashland	130	FRAMINGHAM	I	SEA (7)
ASH-20	Ashland	187	FRAMINGHAM	I	SEA (544)
ASH-21	Ashland	186	HOLLISTON	I	SEA (3)
ASH-22	Ashland	125	HOLLISTON	I	SEA (523)
ASH-23	Ashland	646	MARLBOROUGH	I	SEA (204)
BED-04	Bedford	9	LEXINGTON	I	SEA (10)
BED-05	Bedford	21	WILMINGTON	I	SEA (9)
BED-06	Bedford	53	CONCORD	I	SEA (215)
BED-08	Bedford	96	BILLERICA	I	SEA (217)
BED-09	Bedford	124	BILLERICA	I	SEA (214)
BED-10	Bedford	183	CONCORD	I	SEA (502)
BED-11	Bedford	609	CONCORD	I	SEA (216)
BEL-02	Belmont	16	LEXINGTON	I	SEA (218)
BEL-03	Belmont	19	LEXINGTON	I	SEA (220)
BEL-04	Belmont	89	LEXINGTON	I	ERT
BEL-05	Belmont	82	LEXINGTON	I	ERT
BEL-06	Belmont	205	LEXINGTON	I	ERT
BEL-07	Belmont	107	LEXINGTON	I	ERT
BOS-04	Boston	8	BOSTON SOUTH	C	ERT
BOS-06	Boston	5	BOSTON SOUTH	C	SEA
BOS-07	Boston	6	BOSTON NORTH	C	SEA
BOS-08	Boston	8	BOSTON SOUTH	C	SEA (A)
BOS-09	Boston	8	BOSTON NORTH	C	SEA
BOS-10	Boston	18	BOSTON NORTH	C	SEA (A)
BOS-11	Boston	10	BOSTON SOUTH	I	SEA (226)
BOS-12	Boston	12	BOSTON SOUTH	C	SEA
BOS-13	Boston	22	BOSTON SOUTH	C	SEA (A)
BOS-15	Boston	16	BOSTON SOUTH	C	ERT
BOS-16	Boston	19	BOSTON SOUTH	C	SEA
BOS-17	Boston	24	BOSTON SOUTH	C	SEA (225)
BOS-18	Boston	17	BOSTON SOUTH	C	SEA (A)
BOS-19	Boston	19	BOSTON SOUTH	C	SEA (A)
BOS-20	Boston	66	BOSTON SOUTH	I	SEA (221)
BOS-21	Boston	150	BOSTON SOUTH	I	SEA (222)
BOS-22	Boston	268	BOSTON SOUTH	I	SEA (223)
BOS-23	Boston	50	BOSTON SOUTH	C	SEA (224)

TABLE 2-1 (Continued)

SITE ID NUMBER	CITY/ TOWN	TOTAL ACRES	USGS QUADRANGLE	INLAND/ COASTAL	SITE ID ORIGINATION
BOS-24	Boston	183	HULL	X	ERT
BOS-25	Boston	77	HULL	X	ERT
BOS-26	Boston	179	HULL	X	ERT
BOS-27	Boston	35	HULL	X	ERT
BOS-28	Boston	143	BOSTON SOUTH	X	ERT
BOS-29	Boston	10	BOSTON SOUTH	I	ERT
BOS-30	Boston	13	BOSTON SOUTH	C	ERT
BOS-31	Boston	105	BOSTON SOUTH	C	CEM
BOS-32	Boston	32	BOSTON SOUTH	C	CEM
BRN-04	Braintree	20	BLUE HILLS	I	SEA (16)
BRN-05	Braintree	26	BLUE HILLS	I	SEA (14)
BRN-06	Braintree	40	WEYMOUTH	I	SEA (227)
BRN-07	Braintree	31	WEYMOUTH	I	SEA (19)
BRN-08	Braintree	34	WEYMOUTH	I	SEA (21)
BRN-09	Braintree	22	BLUE HILLS	I	SEA (18)
BRN-10	Braintree	46	WEYMOUTH	I	SEA (22)
BRN-11	Braintree	121	WEYMOUTH	I	SEA (20)
BRN-12	Braintree	206	BLUE HILLS	I	SEA (530)
BRN-13	Braintree	145	WEYMOUTH	I	SEA (517)
BRN-14	Braintree	196	BLUE HILLS	I	SEA (17)
BRO-01	Brookline	65	NEWTON	I	ERT
BRO-02	Brookline	118	NEWTON	I	ERT
BRO-03	Brookline	134	NEWTON	I	ERT
BRO-04	Brookline	19	NEWTON	I	ERT
BUR-02	Burlington	65	LEXINGTON	I	SEA (26)
BUR-03	Burlington	259	LEXINGTON	I	SEA (24)
CAM-01	Cambridge	41	LEXINGTON	I	ERT
CAN-03	Canton	24	BLUE HILLS	I	SEA (30)
CAN-04	Canton	12	BLUE HILLS	I	SEA (34)
CAN-05	Canton	49	NORWOOD	I	SEA (29)
CAN-06	Canton	14	NORWOOD	I	SEA (232)
CAN-08	Canton	36	BLUE HILLS	I	SEA (33)
CAN-09	Canton	53	BLUE HILLS	I	SEA (36)
CAN-11	Canton	119	NORWOOD	I	SEA (28)
CAN-12	Canton	123	BLUE HILLS	I	SEA (531)
CAN-13	Canton	188	BLUE HILLS	I	SEA (32)
CAN-14	Canton	79	BLUE HILLS	I	SEA (31)
CAN-16	Canton	186	BLUE HILLS	I	SEA (228)
CAN-17	Canton	445	BLUE HILLS	I	SEA (545)
CAN-18	Canton	276	NORWOOD	I	SEA (233)
CAN-19	Canton	330	NORWOOD	I	SEA (27)
CAN-20	Canton	213	BLUE HILLS	I	ERT
CHA-01	Charlestown	9	BOSTON NORTH	C	SEA (A)
CHA-02	Charlestown	4	BOSTON NORTH	I	SEA
CHA-03	Charlestown	10	BOSTON NORTH	C	SEA (A)
CHA-05	Charlestown	8	BOSTON NORTH	C	SEA
CHA-06	Charlestown	18	BOSTON NORTH	C	SEA (A)
CHA-07	Charlestown	12	BOSTON NORTH	C	SEA
CHA-08	Charlestown	10	BOSTON NORTH	C	SEA (A)
CHA-09	Charlestown	53	BOSTON NORTH	C	SEA (236)

TABLE 2-1 (Continued)

SITE ID NUMBER	CITY/ TOWN	TOTAL ACRES	USGS QUADRANGLE	INLAND/ COASTAL	SITE ID ORIGINATION
CHA-10	Charlestown	5	BOSTON NORTH	C	CEM
CHE-04	Chelsea	4	BOSTON NORTH	C	SEA
CHE-05	Chelsea	4	BOSTON NORTH	C	SEA (A)
CHE-06	Chelsea	6	BOSTON NORTH	C	SEA
CHE-08	Chelsea	18	BOSTON NORTH	C	SEA
CHE-09	Chelsea	5	BOSTON NORTH	I	SEA (37)
CHE-10	Chelsea	9	BOSTON NORTH	I	SEA (40)
CHE-12	Chelsea	11	BOSTON NORTH	I	SEA (237)
CHE-13	Chelsea	14	BOSTON NORTH	I	SEA (39)
CHE-14	Chelsea	91	BOSTON NORTH	C	SEA (238)
DED-01	Dedham	14	NORWOOD	I	SEA (547)
DED-02	Dedham	15	NORWOOD	I	SEA (42)
DED-03	Dedham	149	NEWTON	I	SEA (41)
EVR-01	Everett	10	BOSTON NORTH	C	SEA (A)
EVR-04	Everett	20	BOSTON NORTH	C	SEA (239)
EVR-05	Everett	20	BOSTON NORTH	C	SEA
EVR-06	Everett	19	BOSTON NORTH	I	SEA (242)
EVR-07	Everett	20	BOSTON NORTH	C	SEA (240)
FRA-01	Framingham	940	FRAMINGHAM	I	SEA (244)
FRA-03	Framingham	14	FRAMINGHAM	I	SEA (48)
FRA-06	Framingham	27	FRAMINGHAM	I	SEA (47)
FRA-07	Framingham	11	FRAMINGHAM	I	SEA (247)
FRA-08	Framingham	34	FRAMINGHAM	I	SEA (43)
FRA-09	Framingham	29	FRAMINGHAM	I	SEA (44)
FRA-10	Framingham	37	FRAMINGHAM	I	SEA (45)
FRA-11	Framingham	12	FRAMINGHAM	I	SEA (248)
FRA-12	Framingham	82	FRAMINGHAM	I	SEA (46)
FRA-13	Framingham	103	FRAMINGHAM	I	SEA (49)
FRA-14	Framingham	28	FRAMINGHAM	I	SEA (250)
FRA-15	Framingham	111	FRAMINGHAM	I	SEA (251)
FRA-16	Framingham	171	FRAMINGHAM	I	SEA (249)
HIN-02	Hingham	14	HULL	C	SEA (253)
HIN-04	Hingham	47	WEYMOUTH	C	SEA (51)
HLB-01	Holbrook	6	BLUE HILLS	I	SEA (65)
HLB-02	Holbrook	14	BLUE HILLS	I	SEA (60)
HLB-03	Holbrook	11	BLUE HILLS	I	SEA (58)
HLB-04	Holbrook	34	BLUE HILLS	I	SEA (59)
HLB-05	Holbrook	17	BLUE HILLS	I	SEA (64)
HLB-06	Holbrook	11	WEYMOUTH	I	SEA (63)
HLB-07	Holbrook	23	BLUE HILLS	I	SEA (57)
HLB-08	Holbrook	26	BLUE HILLS	I	SEA (528)
HLB-09	Holbrook	50	BLUE HILLS	I	SEA (529)
HLB-10	Holbrook	105	BLUE HILLS	I	SEA (61)
HLB-11	Holbrook	108	WEYMOUTH	I	SEA (515)
HLB-12	Holbrook	139	BROCKTON	I	SEA (62)
HLB-13	Holbrook	343	WEYMOUTH	I	SEA (514)
HUL-01	Hull	212	HULL	X	ERT
LEX-01	Lexington	27	CONCORD	I	SEA (67)

TABLE 2-1 (Continued)

SITE ID NUMBER	CITY/ TOWN	TOTAL ACRES	USGS QUADRANGLE	INLAND/ COASTAL	SITE ID ORIGINATION
LEX-02	Lexington	76	CONCORD	I	SEA (66)
LEX-03	Lexington	39	LEXINGTON	I	SEA (254)
LEX-04	Lexington	225	LEXINGTON	I	SEA (501)
LEX-05	Lexington	107	LEXINGTON	I	ERT
LEX-06	Lexington	97	LEXINGTON	I	ERT
LEX-07	Lexington	98	CONCORD	I	ERT
LEX-08	Lexington	50	CONCORD	I	ERT
LEX-09	Lexington	32	CONCORD	I	ERT
LEX-10	Lexington	84	CONCORD	I	ERT
LYN-01	Lynn	104	LYNN	C	ERT
LYN-02	Lynn	87	LYNN	C	CEM
MAL-01	Malden	47	BOSTON NORTH	I	ERT
MED-01	Medford	21	BOSTON NORTH	I	SEA (257)
MED-03	Medford	31	BOSTON NORTH	I	SEA (256)
MED-07	Medford	3158	BOSTON NORTH	I	SEA (255)
MEL-04	Melrose	169	BOSTON NORTH	I	ERT
MEL-05	Melrose	65	BOSTON NORTH	I	ERT
MEL-06	Melrose	98	BOSTON NORTH	I	ERT
MEL-07	Melrose	48	BOSTON NORTH	I	ERT
MIL-01	Milton	449	BLUE HILLS	I	SEA (533)
MIL-02	Milton	306	BLUE HILLS	I	SEA (532)
MIL-03	Milton	4200	BLUE HILLS	I	SEA (265)
NAT-01	Natick	10	NATICK	I	SEA (69)
NAT-02	Natick	31	FRAMINGHAM	I	SEA (68)
NAT-03	Natick	25	NATICK	I	SEA (266)
NAT-04	Natick	45	NATICK	I	SEA (267)
NAT-05	Natick	74	NATICK	I	SEA (506)
NAT-06	Natick	65	NATICK	I	SEA (507)
NAT-07	Natick	224	NATICK	I	SEA (504)
NAT-08	Natick	113	NATICK	I	SEA (508)
NED-01	Needham	493	NEWTON	I	SEA (268)
NED-02	Needham	117	NATICK	I	SEA (505)
NED-03	Needham	117	NEWTON	I	ERT
NED-04	Needham	44	NEWTON	I	ERT
NED-05	Needham	272	NATICK	I	ERT
NED-06	Needham	79	NATICK	I	ERT
NED-07	Needham	160	NATICK	I	ERT
NEW-03	Newton	22	NATICK	I	SEA (271)
NEW-04	Newton	189	NEWTON	I	ERT
NOR-01	Norwood	144	NORWOOD	I	SEA (71)
NOR-02	Norwood	128	NORWOOD	I	SEA (72)
NOR-03	Norwood	50	NORWOOD	I	SEA (535)
NOR-04	Norwood	75	NORWOOD	I	SEA (536)
NOR-05	Norwood	159	NORWOOD	I	SEA (70)
NOR-06	Norwood	83	NORWOOD	I	SEA (537)
NOR-07	Norwood	108	NORWOOD	I	ERT

TABLE 2-1 (Continued)

SITE ID NUMBER	CITY/ TOWN	TOTAL ACRES	USGS QUADRANGLE	INLAND/ COASTAL	SITE ID ORIGINATION
QUI-01	Quincy	6	HULL	I	SEA
QUI-02	Quincy	15	HULL	X	SEA (272)
QUI-03	Quincy	44	BOSTON SOUTH	C	SEA (500)
QUI-04	Quincy	82	WEYMOUTH	I	SEA (74)
QUI-05	Quincy	87	HULL	C	SEA (273)
QUI-06	Quincy	148	BLUE HILLS	I	SEA (75)
QUI-07	Quincy	150	WEYMOUTH	C	SEA
QUI-08	Quincy	523	BLUE HILLS	I	SEA (73)
QUI-09	Quincy	50	HULL	X	ERT
QUI-10	Quincy	13	HULL	X	ERT
RAN-01	Randolph	26	BLUE HILLS	I	SEA (76)
RAN-02	Randolph	66	BLUE HILLS	I	ERT
RAN-03	Randolph	162	BLUE HILLS	I	ERT
RED-02	Reading	75	READING	I	SEA (513)
RED-03	Reading	172	READING	I	SEA (274)
RED-04	Reading	274	WILMINGTON	I	ERT
REV-01	Revere	10	BOSTON NORTH	I	SEA (276)
REV-02	Revere	15	BOSTON NORTH	I	SEA (277)
REV-04	Revere	10	BOSTON NORTH	I	SEA (278)
REV-05	Revere	373	BOSTON NORTH	I	SEA (77)
REV-06	Revere	76	LYNN	I	ERT
REV-07	Revere	32	LYNN	I	ERT
SOM-01	Somerville	5	BOSTON NORTH	I	SEA (78)
SOM-02	Somerville	108	BOSTON NORTH	C	SEA (280)
STN-01	Stoneham	81	BOSTON NORTH	I	ERT
STN-02	Stoneham	35	BOSTON NORTH	I	ERT
STO-01	Stoughton	27	NORWOOD	I	SEA (81)
STO-02	Stoughton	44	NORWOOD	I	SEA (80)
STO-03	Stoughton	48	BLUE HILLS	I	SEA (524)
STO-04	Stoughton	114	BLUE HILLS	I	SEA (525)
STO-05	Stoughton	382	BLUE HILLS	I	SEA (526)
STO-06	Stoughton	187	BLUE HILLS	I	SEA (79)
STO-07	Stoughton	204	BROCKTON	I	SEA (522)
STO-08	Stoughton	534	BROCKTON	I	SEA (521)
WAK-02	Wakefield	193	READING	I	SEA (82)
WAK-03	Wakefield	598	BOSTON NORTH	I	SEA (281)
WAK-04	Wakefield	128	READING	I	ERT
WLP-02	Walpole	18	WRENTHAM	I	SEA (92)
WLP-03	Walpole	28	NORWOOD	I	SEA (93)
WLP-04	Walpole	12	NORWOOD	I	SEA (86)
WLP-05	Walpole	9	NORWOOD	I	SEA (84)
WLP-06	Walpole	17	WRENTHAM	I	SEA (91)
WLP-07	Walpole	46	NORWOOD	I	SEA (85)
WLP-08	Walpole	105	WRENTHAM	I	SEA (282)
WLP-09	Walpole	84	MANSFIELD	I	SEA (90)
WLP-10	Walpole	124	MEDFIELD	I	SEA (88)
WLP-11	Walpole	103	NORWOOD	I	SEA (94)
WLP-12	Walpole	212	NORWOOD	I	SEA (534)

TABLE 2-1 (Continued)

SITE ID NUMBER	CITY/ TOWN	TOTAL ACRES	USGS QUADRANGLE	INLAND/ COASTAL	SITE ID ORIGINATION
WLP-13	Walpole	291	MEDFIELD	I	SEA (509)
WLP-14	Walpole	616	WRENTHAM	I	SEA (89)
WLP-15	Walpole	589	MEDFIELD	I	SEA (510)
WLT-02	Waltham	151	LEXINGTON	I	SEA (283)
WLT-04	Waltham	34	LEXINGTON	I	SEA (288)
WLT-05	Waltham	28	LEXINGTON	I	SEA (290)
WLT-06	Waltham	163	NATICK	I	SEA (289)
WLT-08	Waltham	227	LEXINGTON	I	SEA (287)
WLT-09	Waltham	132	LEXINGTON	I	ERT
WLT-10	Waltham	169	LEXINGTON	I	ERT
WLT-11	Waltham	74	LEXINGTON	I	ERT
WAT-01	Watertown	20	NEWTON	I	SEA (291)
WAT-02	Watertown	84	NEWTON	I	ERT
WEL-01	Wellesley	99	NATICK	I	SEA (292)
WEL-02	Wellesley	125	NATICK	I	ERT
WES-01	Westwood	88	NORWOOD	I	SEA (96)
WES-02	Westwood	131	NORWOOD	I	SEA (95)
WES-03	Westwood	126	NORWOOD	I	SEA (538)
WES-04	Westwood	322	NORWOOD	I	SEA (546)
WEY-03	Weymouth	9	WEYMOUTH	I	SEA (104)
WEY-04	Weymouth	28	WEYMOUTH	I	SEA (99)
WEY-05	Weymouth	24	HULL	C	SEA (295)
WEY-06	Weymouth	26	HULL	C	SEA (294)
WEY-07	Weymouth	32	WEYMOUTH	I	SEA (100)
WEY-08	Weymouth	35	WEYMOUTH	I	SEA (103)
WEY-09	Weymouth	56	WEYMOUTH	I	SEA (102)
WEY-10	Weymouth	47	WEYMOUTH	I	SEA (101)
WEY-11	Weymouth	41	WEYMOUTH	I	SEA (106)
WEY-12	Weymouth	89	WEYMOUTH	I	SEA (97)
WEY-13	Weymouth	130	WEYMOUTH	I	SEA (105)
WEY-14	Weymouth	120	WEYMOUTH	I	SEA (518)
WEY-15	Weymouth	1410	WEYMOUTH	I	SEA (293)
WEY-16	Weymouth	82	WEYMOUTH	I	ERT
WIL-03	Wilmington	13	WILMINGTON	I	SEA (112)
WIL-04	Wilmington	43	WILMINGTON	I	SEA (110)
WIL-05	Wilmington	15	WILMINGTON	I	SEA (108)
WIL-06	Wilmington	63	WILMINGTON	I	SEA (116)
WIL-07	Wilmington	152	WILMINGTON	I	SEA (109)
WIL-08	Wilmington	79	WILMINGTON	I	SEA (111)
WIL-09	Wilmington	118	WILMINGTON	I	SEA (503)
WIL-10	Wilmington	110	WILMINGTON	I	SEA (504)
WIL-11	Wilmington	119	WILMINGTON	I	SEA (113)
WIN-02	Winthrop	24	LYNN	C	SEA (117)
WIN-03	Winthrop	47	LYNN	I	ERT
WNC-01	Winchester	139	LEXINGTON	I	ERT
WNC-02	Winchester	234	LEXINGTON	I	ERT
WNC-03	Winchester	56	LEXINGTON	I	ERT

TABLE 2-1 (Continued)

SITE ID NUMBER	CITY/ TOWN	TOTAL ACRES	USGS QUADRANGLE	INLAND/ COASTAL	SITE ID ORIGINATION
WOB-04	Woburn	10	LEXINGTON	I	SEA (297)
WOB-05	Woburn	29	LEXINGTON	I	SEA (122)
WOB-06	Woburn	37	LEXINGTON	I	SEA (121)
WOB-07	Woburn	9	LEXINGTON	I	SEA (120)
WOB-08	Woburn	132	WILMINGTON	I	SEA (118)
WOB-09	Woburn	60	LEXINGTON	I	ERT
WOB-10	Woburn	169	LEXINGTON	I	ERT
WOB-11	Woburn	89	WILMINGTON	I	ERT
WOB-12	Woburn	460	LEXINGTON	I	ERT

3. TIER 1 SCREENING

The Tier 1 screening consisted of identifying the total universe of potential sites and evaluating their capabilities to support a residuals program activity independent of any consideration of specific technologies or use. The result of this evaluation was an ordered ranking of the 299 sites comprising the universe. This ranking reflects each site's relative environmental and technical suitability as a location for one or more of the major residuals program functions.

Because of regulatory requirements which dictate consideration of the physical, biological, economic, and social conditions of a site and its immediate surroundings, sites were evaluated based on the ten criteria listed in Table 3-1. Within each criterion, several site evaluation features or subcriteria were identified for use in ascertaining differences in site suitability. A numerical scale ranging from 0 to 10 was developed for each criterion with a 0 indicating least suitable and 10 most suitable. Weighting factors indicative of the relative importance of each criterion were applied to develop an overall suitability score for each site. The result of this scoring is the ordered listing shown in Table 3-2.

The total and net acreage shown in Table 3-2 are approximate and were developed from topographic maps. These will be refined during detailed site assessment. If there is a common name associated with a site it is indicated in the table. Not all sites, however, have such names. Land use codes were used to reflect the development status of the site that was observed during the field studies. In the final sorting, sites that had existing development or new development under construction (code B-1) were dropped to the bottom of the list.

Table 3-1

SCREENING CRITERIA AND SITE EVALUATION FEATURES

Screening Criteria	Site Evaluation Feature
Engineering Considerations	● Base soil type and characteristics
	● Topography
	● Depth to Bedrock
	● Potential for on-site contamination
Noise Environment	● Proximity to sensitive receptors
	● Proximity to existing major noise sources
Land Use	● Current site use
	● Neighboring land use
	● Proximity to sensitive receptors
	● Community development objectives
Cultural Resources	● Proximity to historical resources
	● Proximity to archeological resources
Transportation/ Traffic	● Site rail access
	● Site coastal access
	● Site roadway access
	● Current traffic conditions
Surface Water	● Proximity to water bodies
	● Proximity to 100 year flood zones
	● Water quality classification
Ground Water	● Aquifer presence
	● Well yield potential
	● Proximity to drinking water wells
Wetlands	● Presence of on-site wetlands
	● Proximity to off-site wetlands
Ecology	● Presence of threatened or endangered species
	● Terrestrial ecological habitats
	● Aquatic ecological habitats
Air Quality/Odors	● Impact area characteristics
	● Dispersion characteristics
	● Existing air quality and emissions sources

Source: ERT, 1987

TIER 1 SCREENING TABLE LEGEND

SITE RANK	SITE NUMBER	ENG NOI LAN CUL TRA SUR GRO WET ECO AIR	SCORE RAW	WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Column	Title	Description
1	Site Rank	This is the ranking of the site based on weighted score shown in column 5. The weighted score reflects the relative importance of the screening criteria to site development but is independent of any consideration of technology.
2	Site Number	This is the unique idenification code assigned to the site. It is composed of a three letter abbreviation of the town or city in which the site is located followed by a two digit number.
3	Screening Criteria Scores	Sites were evaluated and scored for each of the criteria shown in Table 3-1. The numbers in this column are the scores that were given for each criterion. Criteria are abbreviated as follows: ENG - Engineering Considerations NOI - Noise Enviornment LAN - Land Use CUL - Cultural Resources TRA - Transportation/Traffic SUR - Surface Water GRO - Ground Water WET - Wetlands ECO - Ecology AIR - Air Quality/Odors
4	Raw Score	This number is the result of adding the ten scores listed in item 3 above.
5	Weighted Score	Some criteria are more important than others to site development. Ten weighting factors reflecting the relative importance of the criteria were developed and applied to the scores in column 3. The score shown here is the result of applying these weighting factors and is the basis for the ordering of the sites (Column 1).
6	Total Acres	This is the total contiguous acreage of the site as measured from a topographic map.

TIER 1 SCREENING TABLE LEGEND (Continued)

SITE RANK	SITE NUMBER	ENG NOI LAN CUL TRA SUR GRO WET ECO AIR	SCORE		TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
			RAW	WGHT									
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Column	Title	Description
7	Net Acres	Net acres reflects the site acreage available for development after subtracting wetland areas, areas with excessive slopes, and developed portions of the site.
8	Name	If there is a common name associated with the site it has been indicated. Not all sites have such names.
9	USGS Quadrangle	This identifies the 7.5 minute United States Geological Survey topographic map that contains the site.
10	Owner Code	The code P indicates that the majority of the site is publically owned; a C indicates that the majority of the ownership is private.
11	Location	The code I indicates an inland site in the MWRA service area; C is the designation of a coastal site and X signifies an island.
12	Avail Status	This code indicates the development status of the site. A signifies that 0 to 25 percent of the site is in use or under development; B means that 26 to 50 percent of the site is in use or under development; C means that 51 to 75 percent is in use while D indicates that between 76 and 100 percent of the site is actively being used. This was determined through field investigations. Where site access was restricted no estimates were made of the extent of development.
13	On Site Land Use	These codes indicate whether the site is vacant, designated as part or conservation land, or if used, the status of this use. Specifically the codes signify the following: A-1 = State Park A-2 = Town Park and/or Designated Conservation Land

TIER 1 SCREENING TABLE LEGEND (Continued)

SITE RANK	SITE NUMBER	ENG NOI LAN CUL TRA SUR GRO WET ECO AIR	SCORE RAW	WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Column	Title	Description
		B-1 = Existing, Developed Site Use (on-going) and/or New Development Under Construction B-2 = Low Intensity Use (i.e. - quarry, park-ride, warehouse, etc.) B-3 = Abandoned Existing Land-Use (i.e. - abandoned warehouse) C-1 = Vacant Land.
14	Site Origination	Sites identified during the Phase I study are noted by the code SEA. The number in parenthesis is the SEA identification number. Sites identified during the Phase II study are coded ERT. A CEM code refers to additional sites from a CE Maguire site inventory report dated May 1986.

TABLE 3-2

INITIAL SITE SUITABILITY RANKING

SITE	SITE	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE		TOTAL	NET	NAME	USGS	OWNER	LOCATION	AVAIL	ON SITE	SITE
RANK	NUMBER											RAW	WGHT	ACRES	ACRES		QUADRANGLE	CODE		STATUS	LAND USE	ORIGINATION
1	BOS-06	6	8	9	10	6	6	7	10	10	7	79	77	5	5	EastJetty	BOSTON SOUTH	P	C	A	B-3	SEA
2	WLP-05	8	5	8	7	4	8	10	10	8	8	76	76	9	9		NORWOOD	C	I	A	C-1	SEA (84)
3	WIL-08	5	8	10	8	5	6	8	6	7	10	73	74	79	39		WILMINGTON	C	I	C	B-3	SEA (111)
4	EVR-04	7	7	9	10	7	7	7	6	10	6	76	74	20	20	ChmLn/MRv	BOSTON NORTH	P	C	C	B-2	SEA (239)
5	BOS-30	6	7	9	8	4	9	7	10	10	6	76	74	13	13		BOSTON SOUTH		C	B	B-2	ERT
6	CHE-08	5	5	8	8	6	8	7	10	10	7	74	73	18	18	Cbot Stns	BOSTON NORTH	C	C	A	B-3	SEA
7	BOS-29	6	8	8	7	4	9	7	10	10	6	75	73	10	10		BOSTON SOUTH		I	D	B-2	ERT
8	CHA-02	5	7	5	8	7	8	7	10	10	7	74	72	4	4	Termnl St	BOSTON NORTH	C	I	D	B-2	SEA
9	BRN-05	7	7	7	4	6	7	7	10	10	7	72	72	26	22		BLUE HILLS	P	I	D	B-2	SEA (14)
10	BOS-17	5	7	7	8	7	6	7	10	10	6	73	71	24	24	US Navy R	BOSTON SOUTH	P	C	C	B-2	SEA (225)
11	BOS-10	5	9	5	10	8	8	7	6	10	6	74	71	18	18	Chels. Cr	BOSTON NORTH	P	C	D	B-2	SEA (A)
12	BOS-31	6	5	8	10	4.5	6	7	9	10	7.5	73	71	105	5	ConleyTer	BOSTON SOUTH	C	C	B	B-2	CEM
13	WIL-09	7	7	5	8	5	6	10	4	8	10	70	71	118	46		WILMINGTON	C	I	C	C-1	SEA (503)
14	BOS-19	4	5	8	10	5	8	7	10	10	6	73	70	19	15	Res Chan	BOSTON SOUTH	P	C	C	B-3	SEA (A)
15	EVR-01	5	7	6	8	6	6	10	6	10	7	71	70	10	10	IsEd InPk	BOSTON NORTH	C	C	D	B-2	SEA (A)
16	WLP-07	6	5	5.5	7	3	7	10	10	9	8	70.5	70	46	39		NORWOOD	C	I	A	C-1	SEA (85)
17	CHA-07	5	4	5	8	7	8	7	10	10	7	71	70	12	6	Revre Sug	BOSTON NORTH	C	C	B	B-3	SEA
18	BOS-18	5	5	6	8	6	8	7	10	10	6	71	69	17	17	SB Pier1	BOSTON SOUTH	C	C	D	B-2	SEA (A)
19	QUI-07	5	6	8	8	7	4	7	9	10	6	70	69	150	150	Qncy ShYd	WEYMOUTH	C	C	A	B-3	SEA
20	CHE-13	7	6	5	8	3	10	6	10	10	7	72	69	14	7		BOSTON NORTH	C	I	C	B-3	SEA (39)
21	BOS-16	5	4	6	10	7	6	7	10	10	6	71	69	19	16	Bs ShipYd	BOSTON SOUTH	C	C	A	B-3	SEA
22	CHA-10	5	5	5	7	7	8	8	6	10	7	68	67	5	5	SelfStor	BOSTON NORTH	C	C	D	B-2	CEM
23	ASH-22	6	6	3	3	4	6	10	10	8	9.5	65.5	67	125	125		HOLLISTON	C	I	A	C-1	SEA (523)
24	WLP-06	4.5	4	3	8	5	6	10	9	7	10	66.5	67	17	15		WRENTHAM	C	I	B	C-1	SEA (91)
25	CAN-06	7	6	6	4	5	8	6	10	7	7.5	66.5	67	14	14	Green St	NORWOOD	P	I	C	B-2	SEA (232)
26	ASH-20	8	5	5	7	4	8	10	4	7	8	66	66	187	182		FRAMINGHAM	C	I	A	A-2	SEA (544)
27	HLB-11	9	5	5	5	4	5	10	4	7	10	64	66	108	93		WEYMOUTH	C	I	A	C-1	SEA (515)
28	STO-06	4	5	8.5	8	5	5	10	4	7	8	64.5	66	187	90		BLUE HILLS	C	I	B	C-1	SEA (79)
29	BOS-13	5	5	7	10	3	6	7	10	10	6	69	66	22	16	Wiglworth	BOSTON SOUTH	C	C	A	B-3	SEA (A)
30	WLP-13	7	4	5	5	5	6	10	4	8	9.5	63.5	66	291	240		MEDFIELD	C	I	B	C-1	SEA (509)
31	HIN-02	6	7	3	7	6	6	7	6	7	10	65	66	14	14	Stods Nck	HULL	P	C	D	A-2	SEA (253)
32	HLB-06	5	6	8	6	4	7	10	0	7	10	63	65	11	7		WEYMOUTH	C	I	B	C-1	SEA (63)
33	BUR-03	6	7	8	7	4	5	8	4	8	8	65	65	259	102		LEXINGTON	C	I	A	C-1	SEA (24)
34	CAN-14	4	6	9	8	3	6	10	4	6	8	64	65	79	42		BLUE HILLS	P	I	A	C-1	SEA (31)
35	WES-02	5	7	6	7	6	6	8	4	7	8	64	65	131	111		NORWOOD	C	I	A	C-1	SEA (95)
36	BOS-26	7	5	5	10	3	5	10	4	7	9	65	64	179	25	Deer Is	HULL	P	X	A	B-3	ERT
37	BOS-25	5	9	9.5	2	1	5	9	6	6	9	61.5	64	77	77	Spectl Is	HULL	P	X	A	C-1	ERT
38	BOS-04	4.5	4	6	10	5	5	7	10	10	5.5	67	64	8	8	BS BusPrk	BOSTON SOUTH	C	C	D	B-2	ERT
39	LYN-02	4	9	8	10	6	4	6	2	10	7	66	64	87	48	Lynn Harb	LYNN	C	C	C	B-3	CEM
40	WLP-02	5	2	3	7	6	5	6	10	10	10	64	64	18	15		WRENTHAM	C	I	A	B-3	SEA (92)
41	BOS-23	4	9	7	4	7	5	7	6	8	6	63	64	50	40	Nepst Res	BOSTON SOUTH	P	C	A	A-2	SEA (224)
42	BED-04	5	9	9	6	6	6	6	0	8	8	63	64	9	2		LEXINGTON	C	I	A	C-1	SEA (10)
43	WLP-04	7	4	3	7	4	8	6	10	8	8	65	64	12	9		NORWOOD	C	I	B	C-1	SEA (86)
44	DED-01	5	7	6.5	7	7	7	6	0	10	8	63.5	63	14	8		NORWOOD	C	I	D	B-2	SEA (547)
45	WIL-04	6	8	8	6	6	6	6	0	5	10	61	63	43	9		WILMINGTON	C	I	A	C-1	SEA (110)
46	NOR-04	6	3	5	6	5	6	10	8	8	6	63	63	75	50		NORWOOD	C	I	B	C-1	SEA (536)
47	FRA-12	6	9	9	6	5	2	8	4	8	6	63	63	82	56		FRAMINGHAM	C	I	A	C-1	SEA (46)
48	STN-02	6	4	2	10	3	6	10	10	8.5	6.5	66	63	35	35	BearHI GC	BOSTON NORTH		I	D	B-2	ERT
49	HLB-13	7	6	4	4	3	6	10	4	7	10	61	63	343	254		WEYMOUTH	C	I	A	C-1	SEA (514)
50	WIL-11	6	9	9	8	7	5	4	0	7	8	63	63	119	28		WILMINGTON	C	I	A	C-1	SEA (113)
51	CHE-09	5	3	5	8	4	7	6	10	10	7	65	63	5	5		BOSTON NORTH	C	I	A	B-3	SEA (37)
52	BED-09	7	4	3	8	2	6	10	4	9	10	63	63	124	96	Spring St	BILLERICA	P	I	A	C-1	SEA (214)
53	BED-05	3	10	10	3	4	4	10	4	8	5	61	62	21	10		WILMINGTON	C	I	C	B-3	SEA (9)
54	WES-01	4	4	6	10	8	8	3	10	7	5	65	62	88	88		NORWOOD	C	I	D	C-1	SEA (96)
55	WLP-09	7	6	7	5	5	5	3	4	10	10	62	62	84	20		MANSFIELD	C	I	C	C-1	SEA (90)

TABLE 3-2 (Continued)

SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
56	WLP-08	8	2	4	5	4	6	10	4	7	10	60	62	105	93	MCI Walpl	WRENTHAM	P	I	A	C-1	SEA (282)
57	QUI-01	5	6	6	10	5	4	7	6	10	6	65	62	6	6	QuLum/Dun	HULL	C	I	B	B-2	SEA
58	FRA-07	8	5	5	8	3	6	6	10	6	7	64	62	11	11	MilWd St	FRAMINGHAM	P	I	A	B-3	SEA (247)
59	WEY-15	4	8	4	8	5	8	7	4	7	8	63	62	1410	50	Wym ArStn	WEYMOUTH	P	I	D	B-2	SEA (293)
60	MAL-01	4	8	4	7	4	7	10	5	10	5	64	62	47	42	RoweQury	BOSTON NORTH	C	I	D	B-2	ERT
61	LEX-10	5.5	3.5	4	8	4.5	3	10	7	7.5	8.5	61.5	62	84	54		CONCORD	C	I	B	A-2	ERT
62	CHA-08	5	7	3	8	5	6	7	6	10	7	64	62	10	8	Ryn Plygr	BOSTON NORTH	C	C	D	A-2	SEA (A)
63	WEY-11	5	7	7	8	4	8	2	6	9	8	64	62	41	22		WEYMOUTH	C	I	C	B-2	SEA (106)
64	NOR-06	7	2	3	2	4	8	10	10	8	6	60	61	83	28		NORWOOD	C	I	C	C-1	SEA (537)
65	WOB-08	4	10	6	10	6	6	8	2	0	8	60	61	132	68		WILMINGTON	C	I	D	B-3	SEA (118)
66	FRA-11	8	6	5	7	1	5	10	6	7	7	62	61	12	12	Edmds Rd	FRAMINGHAM	P	I	A	B-3	SEA (248)
67	HLB-10	7	3	7	6	5	5	4	8	8	8	61	61	105	33		BLUE HILLS	C	I	A	C-1	SEA (61)
68	FRA-09	5	7	7	8	6	4	6	2	10	7	62	61	29	11		FRAMINGHAM	C	I	B	B-2	SEA (44)
69	BRN-10	7	6	6	7	4	5	10	0	7	8	60	61	46	22		WEYMOUTH	C	I	C	C-1	SEA (22)
70	STN-01	5.5	3.5	3	9	3	6	10	8.5	8.5	6	63	61	82	46	GolfCours	BOSTON NORTH		I	D	B-2	ERT
71	BRN-07	5	8	8.5	8	6	4	6	2	8	6	61.5	61	31	26		WEYMOUTH	C	I	B	B-3	SEA (19)
72	WOB-10	6	6	4	8	3	6	10	4	7.5	7	61.5	60	169	125	WhispHill	LEXINGTON		I		C-1	ERT
73	QUI-09	3	6	5	10	2	6	9	6	7	8	62	60	50	35	Moon Is	HULL	P	X	C	B-3	ERT
74	WEY-09	7	7	6	6	4	7	3	4	10	8	62	60	56	31		WEYMOUTH	C	I	B	B-2	SEA (102)
75	BOS-07	5	3	3	10	3	7	7	10	10	6	64	60	6	5	Es Prt Pk	BOSTON NORTH	C	C	D	B-2	SEA
76	FRA-10	5	3	5	6	5	8	4	10	8	7	61	60	37	26		FRAMINGHAM	C	I	A	C-1	SEA (45)
77	WLP-14	4	6	8	6	6	4	7	0	6	10	57	60	616	90		WRENTHAM	C	I	A	C-1	SEA (89)
78	WIL-07	6	7	7	8	6	5	4	0	8	9	60	60	152	53		WILMINGTON	C	I		C-1	SEA (109)
79	BUR-02	1	6	8	6	6	6	10	2	3	8	56	60	65	49		LEXINGTON	C	I		C-1	SEA (26)
80	NAT-08	6	3	4	2	4	5	10	6	6	9.5	55.5	59	113	61		NATICK	C	I	B	C-1	SEA (508)
81	WOB-11	3	5	5	10	4	7	8	4	7	7.5	60.5	59	89	75		WILMINGTON		I		B-2	ERT
82	NOR-03	4	5	8	0	4	5	6	8	8	8	56	59	50	46		NORWOOD	C	I		C-1	SEA (535)
83	WEY-13	3	9	5	4	4	7	8	2	8	8	58	59	130	93		WEYMOUTH	C	I		B-2	SEA (105)
84	ARL-01	7	4	2.5	10	5	7	8	4	8	6	61.5	59	27	27		LEXINGTON	p	I		A-2	ERT
85	HIN-04	7	6	5	2	7	6	7	0	8	8	56	59	47	23		WEYMOUTH	C	C	A	B-3	SEA (51)
86	BRN-08	7	6	6	4	5	5	7	2	7	8	57	59	34	28		WEYMOUTH	C	I		B-2	SEA (21)
87	SOM-02	4	9	2	3	6	4	6	10	7	7	58	59	108	108	Mystc Res	BOSTON NORTH	P	C		A-1	SEA (280)
88	NAT-06	6	4	5	6	5	6	8	4	7	7	58	59	65	57		NATICK	C	I	A	C-1	SEA (507)
89	STO-05	2	6	9	6	4	8	10	0	2	8	55	58	382	90		BLUE HILLS	C	I	B	C-1	SEA (526)
90	CAN-08	6	7	9	6	3	5	4	2	5	10	57	58	36	8		BLUE HILLS	C	I	D	C-1	SEA (33)
91	LEX-02	6	8	9	9	5	6	4	0	7	6	60	58	76	43		CONCORD	C	I		C-1	SEA (66)
92	REV-07	5	7	3.5	4	5	2.5	8	6	10	7	58	58	32	31		LYNN		I		B-2	ERT
93	WLP-12	9	2	5	7	2	5	10	2	8	8	58	58	212	200		NORWOOD	C	I		C-1	SEA (534)
94	NAT-02	5	8	5	7	6	3	6	2	10	7	59	58	31	26		FRAMINGHAM	C	I	B	B-2	SEA (68)
95	STO-08	7	5	4.5	1	6	5	10	2	3	9	52.5	58	534	382		BROCKTON		I		B-2	SEA (521)
96	BRO-04	6	2	3	8	2	6	7	9	9.5	7.5	60	58	19	19		NEWTON		I	A	B-2	ERT
97	REV-06	5.5	7	3	6	4	4	7	8	9.5	5.5	59.5	57	76	17	SuffDowns	LYNN		I		B-2	ERT
98	CAN-03	8	4	6	6	4	6	6	2	7	8	57	57	24	13		BLUE HILLS	C	I	C	B-2	SEA (30)
99	NAT-05	7	3	3	4	2	6	10	4	6	10	55	57	74	72		NATICK	C	I	A	B-2	SEA (506)
100	NAT-07	8	3	4	4	3	6	8	4	6	9	55	57	224	222		NATICK	C	I	A	B-2	SEA (504)
101	STO-04	4	3	4	2	4	5	10	6	8	8	54	57	114	86		BLUE HILLS	C	I	A	B-2	SEA (525)
102	WLP-15	8	2	4	5	2	6	7.5	4	7	10	55.5	57	589	504		MEDFIELD	C	I		C-1	SEA (510)
103	CAN-05	7	9	7	6	8	4	4	0	7	5	57	57	49	5		NORWOOD	P	I		C-1	SEA (29)
104	CAN-12	5	6	0	4	3	7	10	6	5	9	55	57	123	123		BLUE HILLS	P	I	A	B-2	SEA (531)
105	HLB-02	8	4	5	8	3	7	2	6	8	8	59	56	14	7		BLUE HILLS	C	I	B	C-1	SEA (60)
106	WOB-05	4	5	8	7	3	6	6	6	8	5	58	56	29	15		LEXINGTON	C	I		C-1	SEA (122)
107	HLB-09	8	3	4	4	2	5	10	4	7	8	55	56	50	33		BLUE HILLS	C	I	B	C-1	SEA (529)
108	ASH-18	5	4	5	0	6	6	8	4	8	7	53	56	130	126		FRAMINGHAM	C	I	A	C-1	SEA (7)
109	NED-04	4.5	2.5	4	6.5	3	6	7	9	8.5	6.5	57.5	56	44	12		NEWTON		I		B-2	ERT
110	NED-02	7	3	4.5	2	4	7	7	8	6	6	54.5	56	117	117		NATICK	C	I	A	C-1	SEA (505)
111	CAN-09	6	4	8	6	3	6	4	0	8	10	55	56	53	11		BLUE HILLS	P	I	D	B-2	SEA (36)

TABLE 3-2 (Continued)

SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
112	BRN-13	6	6	5	6	2	3	10	2	7	8	55	56	145	63		WEYMOUTH	C	I		C-1	SEA (517)
113	CAN-17	2	6	5	6	2	6	10	2	8	8	55	56	445	195		BLUE HILLS	P	I	B	C-1	SEA (545)
114	LEX-09	5.5	6.5	2	2	4.5	3	10	6	7	7	53.5	55	32	32	FiskeHill	CONCORD		I		A-1	ERT
115	REV-05	6	6	8	8	5	4	6	0	5	7	55	55	373	17		BOSTON NORTH	C	I	D	B-3	SEA (77)
116	HLB-08	9	1	2	4	2	6	10	6	6	8	54	55	26	26		BLUE HILLS	C	I	A	B-2	SEA (528)
117	WEY-12	6	5	6	6	4	6	6	0	8	8	55	55	89	32		WEYMOUTH	C	I		B-2	SEA (97)
118	WES-03	7	2	3	6	2	5	10	4	8	8	55	55	126	45		NORWOOD	C	I		C-1	SEA (538)
119	HLB-05	6	4	5	8	3	6	8	2	5	8	55	55	17	11		BLUE HILLS	C	I	A	C-1	SEA (64)
120	NEW-03	9	3	1	8	5	5	1	10	8	8	58	55	22	22	Pne/Gr Av	NATICK	P	I	A	B-2	SEA (271)
121	FRA-08	6	7	8	8	5	1	6	0	7	7	55	55	34	5		FRAMINGHAM	C	I		C-1	SEA (43)
122	LEX-01	5	6	6	8	3	2	10	0	8	7	55	55	27	17		CONCORD	C	I		C-1	SEA (67)
123	WLP-11	7	4	5	2	4	5	6	4	8	8	53	55	103	89		NORWOOD	C	I		C-1	SEA (94)
124	BOS-21	6	4	2	8	5	7	7	2	10	6	57	55	150	110	Bs St Hsp	BOSTON SOUTH	P	I		B-3	SEA (222)
125	LEX-04	8	4	3.5	8	6	6	7	0	7	6	55.5	55	225	151		LEXINGTON	C	I		B-2	SEA (501)
126	QUI-03	4	6	9	6	6	4	7	2	4	5	53	54	44	23		BOSTON SOUTH	C	C		C-1	SEA (500)
127	WEY-07	5	6	7	0	4	10	4	0	8	8	52	54	32	17		WEYMOUTH	C	I		C-1	SEA (100)
128	HLB-12	6	7	5	3	6	4	4	2	8	8	53	54	139	109		BROCKTON	C	I	A	B-2	SEA (62)
129	MEL-06	7	3	3	7	3	4	6	7	9	7	56	54	98	88	GolfCours	BOSTON NORTH		I		B-2	ERT
130	BEL-04	6.5	2	1	6	3	7	8	7	8.5	6.5	55.5	54	89	30	WellngtHl	LEXINGTON		I		C-1	ERT
131	WAT-02	5	3	0	4	2	7.5	10	10	7	6	54.5	54	84	48	OakleyCC	NEWTON		I	B	B-2	ERT
132	ASH-10	4	5	6	6	4	3	8	4	8	6	54	54	65	59		FRAMINGHAM	C	I		B-2	SEA (5)
133	BED-10	6	5	3	2	4	6	6	4	5	10	51	54	183	151		CONCORD	C	I		C-1	SEA (502)
134	DED-03	5	6	3	1	5	6	10	4	7	5	52	54	149	60		NEWTON	C	I	A	C-1	SEA (41)
135	ASH-04	5	5	5	8	4	3	4	6	7	8	55	54	24	8		FRAMINGHAM	C	I		B-2	SEA (2)
136	NOR-02	6	3	5	3	6	8	6	4	7	5	53	54	128	86		NORWOOD	C	I		B-2	SEA (72)
137	WOB-09	7	2	3	4	2	6	10	3	7.5	8	52.5	54	60	39		LEXINGTON		I		C-1	ERT
138	ASH-01	8	4	3	6	6	1	6	7	9	5	55	54	6	6		FRAMINGHAM		I		B-2	SEA (209)
139	BOS-27	6	4	5.5	6	1	4	9	2	6	9	52.5	54	35	27	Lovell Is	HULL	P	X	D	A-1	ERT
140	BEL-07	5	2	1	7	5	5.5	7	5	8.5	8	54	53	107	82	BelmontCC	LEXINGTON		I		B-2	ERT
141	CAN-19	8	7	9	2	8	4	2	0	7	5	52	53	330	22		NORWOOD	P	I		B-3	SEA (27)
142	MEL-04	3	3.5	3	9	2	5	10	4	8.5	7	55	53	169	137	MtHoodMP	BOSTON NORTH		I		A-2	ERT
143	WES-04	5	4	4	6	4	4	10	0	7	8	52	53	322	43		NORWOOD	C	I		C-1	SEA (546)
144	STO-03	8	3	3	0	3	6	10	2	7	8	50	53	48	34		BLUE HILLS	C	I		C-1	SEA (524)
145	HLB-01	7	4	4	6	3	5	4	6	7	8	54	53	6	5		BLUE HILLS	C	I	A	C-1	SEA (65)
146	RED-03	.5	6	4	6	4	5	6	2	7	8	53	53	172	98	Cmp CrtGu	READING	P	I		B-2	SEA (274)
147	QUI-04	3	4	5	8	5	6	10	4	10	1	56	53	82	22		WEYMOUTH	C	I		B-2	SEA (74)
148	LEX-06	5	3	2	7	2	6	10	5	5.5	7.5	53	53	97	85	WhplHill	LEXINGTON		I		A-2	ERT
149	FRA-16	4	5	3	4	5	5	6	4	10	7	53	53	171	74	MCI Frmh	FRAMINGHAM	P	I		B-2	SEA (249)
150	BEL-06	5	3	2	4	3	5.5	10	5	8.5	6.5	52.5	53	205	53	McLenHosp	LEXINGTON		I		A-2	ERT
151	HUL-01	5	5	5.5	0	1	4	9	4	7	9	49.5	53	212	179	Pdoks Is	HULL	P	X	A	C-1	ERT
152	LEX-07	4	4	3	7	3	4.5	8	4	8.5	7.5	53.5	53	98	21	PineMedwCC	CONCORD		I		B-2	ERT
153	STO-07	7	5	3	2	4	5	7	5	4	8	50	53	204	138		BROCKTON		I		A-2	SEA (522)
154	WLP-03	6	4	4	7	5	3	6	0	10	8	53	52	28	8		NORWOOD	C	I		B-2	SEA (93)
155	BRN-12	8	4	5	4	3	2	6	6	7	7	52	52	206	90		BLUE HILLS	C	I	A	C-1	SEA (530)
156	WIL-10	6	1	5	4	5	6	6	4	7	7	51	52	110	94		WILMINGTON	C	I		C-1	SEA (504)
157	ASH-08	7	4	2	5	4	4	7	6	6	7	52	52	50	37	Aikens Rd	MARLBOROUGH	P	I		C-1	SEA (203)
158	ASH-16	8	4	2	4	2	3	7	4	8	9.5	51.5	52	114	109		HOLLISTON	C	I		C-1	SEA (519)
159	CAN-11	5	9	9	2	7	4	1	0	7	6.5	50.5	52	119	7		NORWOOD	C	I		C-1	SEA (28)
160	BRO-02	5.5	3	2	5	2	7	7	8	7.5	6	53	52	118	118	PthmMdwCC	NEWTON		I	A	B-2	ERT
161	WNC-01	5	2	1	7	2	3	10	8	8.5	6.5	53	52	139	127	Wncntr CC	LEXINGTON		I		B-2	ERT
162	MIL-01	7	3	2	4	5	4	7	4	6	8	50	52	449	302		BLUE HILLS	P	I		A-1	SEA (533)
163	CAN-16	8	5	3	4	5	5	4	5	7	6	52	51	186	153		BLUE HILLS		I	A	C-1	SEA (228)
164	ASH-12	8	4	2	8	3	6	3	4	8	8	54	51	50	42		HOLLISTON	C	I		C-1	SEA (520)
165	NEW-04	5	3	1	6	3	7	10	4	4.5	7	50.5	51	189	160	ChrlRvCC	NEWTON		I	A	B-2	ERT
166	BRN-11	6	7	5	6	3	4	7	0	8	6	52	51	121	26		WEYMOUTH	C	I		B-2	SEA (20)
167	WEY-10	6	2	4	8	4	6	3	2	10	8	53	51	47	12		WEYMOUTH	C	I		B-3	SEA (101)

TABLE 3-2 (Continued)

SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
168	BRO-03	6	2.5	1	3	2	7	7	8	7.5	7	51	51	134	123	TheCntrC	NEWTON		I	A	B-2	ERT
169	RED-02	5	2	4	7	3	8	6	2	6	8	51	51	75	60		READING	C	I		C-1	SEA (513)
170	NOR-05	7	3	7	6	4	4	6	0	8	6	51	51	159	41		NORWOOD	C	I		C-1	SEA (70)
171	ASH-06	6	3	7	8	4	3	4	0	8	8	51	50	30	2		FRAMINGHAM	C	I		C-1	SEA (4)
172	ASH-21	6	7	6	8	5	1	6	0	6	6	51	50	186	12		HOLLISTON	C	I		B-2	SEA (3)
173	BRN-04	6	7	8	2	3	2	8	0	4	7	47	50	20	14		BLUE HILLS	C	I	B	C-1	SEA (16)
174	WLP-10	4	4	6	2	4	5	4	2	8	9	48	50	124	53		MEDFIELD	C	I		C-1	SEA (88)
175	BRO-01	5	3	2	3	2	6.5	7	7	7.5	7	50	50	65	40		NEWTON		I	B	C-1	ERT
176	ASH-05	7	5	4	4	4	2	6	2	8	7.5	49.5	50	35	13		FRAMINGHAM	C	I		C-1	SEA (6)
177	BOS-24	5	3	3	2	2	5	9	4	5	9	47	50	183	146	Long Is	HULL	P	X		C-1	ERT
178	BOS-20	6	2	0	4	3	5	7	8	10	6	51	50	66	38	BkBay Fen	BOSTON SOUTH	P	I		A-2	SEA (221)
179	MIL-02	5	2	2	4	3	5	7	8	8	6	50	50	306	280		BLUE HILLS	C	I	A	C-1	SEA (532)
180	WEY-05	4	1	2	3	3	5	7	6	6	10	47	50	24	21	Off RivSt	HULL	P	C		A-1	SEA (295)
181	WEY-14	5	2	2	2	4	7	5	6	7	8	48	49	120	71		WEYMOUTH	C	I		C-1	SEA (518)
182	NED-07	5	2	3	0	4.5	6	10	2	3	8.5	44	49	160	116		NATICK		I		A-2	ERT
183	MIL-03	3	7	0	0	6	5	8	6	4	7	46	49	4200	3112	BlHls Res	BLUE HILLS	P	I		A-1	SEA (265)
184	CAN-20	5	6	3	8	5	5	7	3	1	6	49	49	213	193		BLUE HILLS	P	I	A	C-1	ERT
185	BEL-02	6	7	4	4	6	4	6	0	3	7	47	49	16	0	Lt Spy Pd	LEXINGTON	P	I		C-1	SEA (218)
186	WOB-06	5	5	6	10	4	4	5	0	4	7	50	49	37	10		LEXINGTON	C	I		C-1	SEA (121)
187	BED-06	7	7	3	2	3	5	8	0	3	8	46	49	53	31		CONCORD		I		C-1	SEA (215)
188	ASH-11	7	4	3	5	2	3	7	4	7	7	49	49	86	31	Howe St	MARLBOROUGH	P	I		C-1	SEA (210)
189	CAM-01	5	6	5	4	7	4	9	0	2	4	46	49	41	15		LEXINGTON		I		C-1	ERT
190	WNC-03	7	3	2	2	3	2	7	8	10	5	49	48	56	22		LEXINGTON		I		B-2	ERT
191	BOS-28	3	8	4	0	2	4	7	2	4	10	44	48	143	109	Tmpson Is	BOSTON SOUTH	C	X		B-2	ERT
192	WIN-03	6	2	1	7	2	4	10	1	9	7	49	48	47	5		LYNN		I		A-2	ERT
193	WEY-04	6	2	4	4	6	6	7	0	7	5	47	48	28	12		WEYMOUTH	C	I		C-1	SEA (99)
194	STO-02	6	4	7	7	3	5	4	2	6	5	49	48	44	33		NORWOOD	C	I		C-1	SEA (80)
195	NED-03	7	1	2	6	4	3	6	6	4.5	7.5	47	48	117	64		NEWTON		I		B-2	ERT
196	WEY-16	3	2	2	0	4	6	8	4	7	8	44	47	82	50		WEYMOUTH	C	I		C-1	ERT
197	NED-06	7	3	1.5	1	2	5.5	7	2	7	9	45	47	79	51		NATICK		I		C-1	ERT
198	BOS-22	5	3	1	1	4	7	7	4	8	6	46	47	268	261	Frank Prk	BOSTON SOUTH	P	I		A-1	SEA (223)
199	WIL-06	1	5	6	8	6	6	6	2	3	4	47	47	63	55		WILMINGTON	C	I		B-2	SEA (116)
200	MEL-05	6	1	2	5	1	5	10	2	8.5	6.5	47	47	65	51	PnBrkPrk	BOSTON NORTH		I		A-2	ERT
201	NOR-07	4	8	5	6	4	4	4	5	7	2.5	49.5	47	108	107		NORWOOD		I		B-2	ERT
202	FRA-03	6	1	3	4	3	4	4	10	8	5	48	47	14	8		FRAMINGHAM	C	I		C-1	SEA (48)
203	QUI-02	4	2	4	6	2	5	7	4	7	6	47	46	15	7	Rye Is	HULL	P	X		C-1	SEA (272)
204	NED-05	4.5	5	5	1	2	4.5	7	0	5.5	8.5	43	46	272	55		NATICK		I		B-3	ERT
205	CAN-13	6	4	7	6	3	4	2	0	6	8	46	46	188	20		BLUE HILLS	C	I		C-1	SEA (32)
206	NOR-01	6	6	6	6	6	4	3	0	4	5	46	46	144	28		NORWOOD	C	I		C-1	SEA (71)
207	ASH-13	8	2	1	6	3	3	6	0	8	9	46	46	22	9	Metro. Av.	FRAMINGHAM	P	I		C-1	SEA (205)
208	WIN-02	4	5	6	7	3	4	6	0	7	5	47	46	24	9		LYNN	C	C		C-1	SEA (117)
209	BED-08	4	1	3.5	4	4	6	5	2	8	7	44.5	45	96	49		BILLERICA		I		C-1	SEA (217)
210	RAN-02	7.5	3	2.5	4	1	5	5	2	8.5	7	45.5	45	66	45		BLUE HILLS		I		C-1	ERT
211	WLT-11	3	1	3	3	2	6.5	5	9	7.5	5	45	44	74	74		LEXINGTON		I		C-1	ERT
212	ASH-17	8	5	3	6	3	1	3	5	3	7.5	44.5	44	425	180	Ash St Pk	HOLLISTON	P	I		A-1	SEA (206)
213	WOB-04	5	3	2.5	7	3	5	6	4	7	4	46.5	44	10	6		LEXINGTON		I		C-1	SEA (297)
214	HLB-07	6	6	4	6	3	4	3	0	4	8	44	44	23	6		BLUE HILLS	C	I		C-1	SEA (57)
215	WNC-02	3	2	2	2	2	5	9	3	6	7.5	41.5	44	234	45		LEXINGTON		I		C-1	ERT
216	RAN-03	6.5	2	5	1	4	4	4	0	8.5	7	42	44	162	48		BLUE HILLS		I		C-1	ERT
217	STO-01	6	2	2	8	3	5	4	2	8	6	46	43	27	16		NORWOOD	C	I		C-1	SEA (81)
218	WAK-04	5.5	2	2	2	3	2	9	0	5	9	39.5	43	128	62		READING		I		C-1	ERT
219	CAN-18	7	7	5	0	6	4	4	0	4	4	41	43	276	12		NORWOOD		I		C-1	SEA (233)
220	ASH-09	6	2	4	0	6	0	5	8	6	4	41	43	80	6	Fount. St.	FRAMINGHAM	P	I		C-1	SEA (208)
221	QUI-08	2	4	3	0	5	5	7	4	5	5	40	43	523	375		BLUE HILLS	C	I		C-1	SEA (73)
222	QUI-05	5	3	3	2	4	4	6	2	6	6	41	43	87	0	Brdmdw Se	HULL	P	C		C-1	SEA (273)
223	LEX-05	5	1	1	5	3	6	5	2	8	7	43	42	107	63		LEXINGTON		I		C-1	ERT

TABLE 3-2 (Continued)

SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
224	BEL-03	7	4	2	6	4	4	5	2	8	3	45	42	19	13	Bv Br Res	LEXINGTON	P	I		A-1	SEA (220)
225	ASH-23	6	3	1	1	4	0	10	4	2	7	38	42	646	375	Ind Brook	MARLBOROUGH	P	I		A-1	SEA (204)
226	FRA-13	6	4	5	2	2	2	3	4	8	6	42	42	103	54		FRAMINGHAM	C	I		B-2	SEA (49)
227	WLT-06	4.5	6	2	2	6	4	3	9	4	2	42.5	42	163	32		NATICK		I		C-1	SEA (289)
228	MED-07	3	3	0	6	7	0	10	4	0	6	39	42	3158	2233	Mdlsx Res	BOSTON NORTH	P	I		A-1	SEA (255)
229	BEL-05	8	4	2	3	2	4	6	0	4.5	7	40.5	42	82	55		LEXINGTON		I		A-2	ERT
230	BRN-14	6	0	8	2	3	1	6	0	5	7	38	41	196	28		BLUE HILLS	C	I		C-1	SEA (17)
231	ASH-02	5.5	5	3	6	4	0	9	0	4	4	40.5	41	21	3		FRAMINGHAM		I		C-1	SEA (211)
232	WAK-03	3	3	1	1	4	5	7	4	6	5	39	41	598	508	Brkhrt Rs	BOSTON NORTH	P	I		A-1	SEA (281)
233	NED-01	8	6	2	2	7	3	1	0	2	6.5	37.5	40	493	37		NEWTON		I		A-2	SEA (268)
234	WLT-09	5.5	3	1	0	2	5.5	5	6	7	4	39	39	132	105		LEXINGTON		I		A-2	ERT
235	RED-04	6.5	4	3	4.5	3	5	1	0	4.5	7.5	39	39	274	153		WILMINGTON		I		B-2	ERT
236	WEL-02	7	2	0	3	3	5	4	2	7	5.5	38.5	38	125	100	WellslyCC	NATICK		I		B-2	ERT
237	FRA-01	6	5	2	1	6	1	0	7.5	4	4.5	37	38	940	45	CochStPk	FRAMINGHAM	P	I		A-1	SEA (244)
238	WOB-12	4	2	2	2	3	0	2	5	2	7	29	31	460	190		LEXINGTON		I		A-2	ERT
239	WIL-03	6	9	6	10	6	7	6	10	10	10	80	78	13	0		WILMINGTON	C	I	D	B-1	SEA (112)
240	CHA-05	5	8	8	8	8	8	7	10	10	7	79	78	8	0	Schv/Mdf	BOSTON NORTH	C	C	D	B-1	SEA
241	BOS-32	5.5	4.5	8	10	4.5	8	10	10	10	7.5	78	76	32	0	BelcherCh	BOSTON SOUTH	P	C	D	B-1	CEM
242	EVR-05	4	7	9	8	7	7	7	10	10	7	76	75	20	0	Prol RovS	BOSTON NORTH	C	C	D	B-1	SEA
243	CHA-01	5	8	5	8	8	8	7	10	10	7	76	74	9	4	MysPierI	BOSTON NORTH	P	C	D	B-1	SEA (A)
244	CAN-04	8	10	6	10	3	9	4	10	10	8	78	74	12	0		BLUE HILLS	C	I	D	B-1	SEA (34)
245	DED-02	6	6	6.5	8	6	8	6	10	10	8	74.5	73	15	0		NORWOOD	C	I	D	B-1	SEA (42)
246	SOM-01	5	5	5	10	7	10	6	10	10	7	75	72	5	0		BOSTON NORTH	C	I	D	B-1	SEA (78)
247	BRN-06	5	7	4	8	8	6	9	8	10	7	72	71	40	0	TStation	WEYMOUTH	P	I	D	B-1	SEA (227)
248	CHA-06	5	4	5	8	7	8	7	10	10	7	71	70	18	0	Medfrd St	BOSTON NORTH	P	C	D	B-1	SEA (A)
249	EVR-06	5	7	5	8	5	9	7	10	10	6	72	69	19	0	Brdw/Chem	BOSTON NORTH	P	I	D	B-1	SEA (242)
250	CHE-06	5	6	4	8	6	8	7	10	10	7	71	69	6	0	HesOl Mrg	BOSTON NORTH	C	C	D	B-1	SEA
251	CHA-09	5	6	4	6	8	6	7	10	10	7	69	69	53	0	Navy Res	BOSTON NORTH	P	C	D	B-1	SEA (236)
252	EVR-07	4	9	6	10	6	7	7	6	10	6	71	68	20	4	ChmLn/MRv	BOSTON NORTH	P	C	D	B-1	SEA (240)
253	WIL-05	2	10	7	10	6	6	6	2	10	10	69	68	15	0		WILMINGTON	C	I	D	B-1	SEA (108)
254	BOS-15	4	4	6	9	5	8	7	10	10	6.5	69.5	67	16	4	NavelRec	BOSTON SOUTH	P	C	C	B-1	ERT
255	FRA-06	5	8	6	4	7	6	10	4	10	6	66	67	27	0		FRAMINGHAM	C	I	A	B-1	SEA (47)
256	BOS-12	5	6	5	10	5	6	7	10	10	6	70	67	12	0	Margnl St	BOSTON SOUTH	P	C	D	B-1	SEA
257	CHE-04	5	5	3	8	6	7	7	10	10	7	68	66	4	0	TexOl Mrg	BOSTON NORTH	C	C	D	B-1	SEA
258	MED-01	5	7	8	10	6	7	6	6	10	4	69	65	21	0	Weltn Stn	BOSTON NORTH	P	I	A	B-1	SEA (257)
259	BOS-08	4	4	5	9	5	8	7	10	10	6	68	65	8	4	BstnEdson	BOSTON SOUTH	P	C	D	B-1	SEA (A)
260	LYN-01	4	6	6	8	8	5	6	6	10	7	66	65	104	0	Saugus Rv	LYNN	C	C	D	B-1	ERT
261	ASH-07	5	3	5	8	3	8	10	10	10	5	67	65	24	0		HOLLISTON	C	I	D	B-1	SEA (1)
262	CHE-14	3	7	6	4	5	7	10	6	10	6	64	64	91	0	Navy Hosp	BOSTON NORTH	P	C	D	B-1	SEA (238)
263	CHA-03	5	4	5	7	6	7	8	6	10	7	65	64	10	0	SchftCntr	BOSTON NORTH	C	C	D	B-1	SEA (A)
264	QUI-06	4	8	8	8	8	5	5	4	10	5	65	63	148	0		BLUE HILLS	C	I	A	B-1	SEA (75)
265	WEY-03	3	2	6	8	4	10	10	2	10	8	63	63	9	0		WEYMOUTH	C	I	D	B-1	SEA (104)
266	CHE-05	5	4	4	8	4	6	7	10	10	7	65	63	4	0	Munro ShY	BOSTON NORTH	C	C	D	B-1	SEA (A)
267	CHE-10	5	3	5	8	3	8	6	10	10	7	65	62	8	0		BOSTON NORTH	C	I	D	B-1	SEA (40)
268	FRA-14	4	3	1	8	4	7	10	10	10	7	64	62	28	0	Frmh Col	FRAMINGHAM	P	I	D	B-1	SEA (250)
269	BOS-09	5	3	3	10	3	7	7	10	10	6	64	60	8	0	Border St	BOSTON NORTH	C	C	D	B-1	SEA
270	BED-11	5	8	6	8	5	7	4	4	6	8	61	60	609	0	Hanscom F	CONCORD	P	I	D	B-1	SEA (216)
271	WAT-01	5	6	4	4	4	8	7	10	10	4	62	60	20	0	Arsnl Prk	NEWTON	P	I	C	B-1	SEA (291)
272	QUI-10	5	2	5	8	2	6	9	6	10	8	61	60	13	0	Nut Is	HULL	P	X	D	B-1	ERT
273	RAN-01	7	3	4	8	3	3	10	6	10	7	61	60	26	0		BLUE HILLS	C	I	A	B-1	SEA (76)
274	CHE-12	2	3	0	8	4	8	10	10	10	6	61	59	11	0	Soldr Hom	BOSTON NORTH	P	I		B-1	SEA (237)
275	REV-04	6	4	4	8	5	4	6	6	10	7	60	58	10	4	Squire Rd	BOSTON NORTH	P	I		B-1	SEA (278)
276	WLT-04	5	3	2	10	2	7	7	10	10	6	62	58	34	0	ArmyCpEng	LEXINGTON	P	I		B-1	SEA (288)
277	NAT-03	7	4	2.5	6	5	2	6	10	9	7	58.5	57	25	0		NATICK		I	D	B-1	SEA (266)
278	WEY-06	7	2	1	4	3	6	7	6	10	10	56	56	26	0	River St	HULL	P	C		B-1	SEA (294)
279	NAT-04	5	4	2	8	5	1	6	8	10	8	57	55	45	0	Army Lab	NATICK	P	I	D	B-1	SEA (267)

TABLE 3-2 (Continued)

SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE		TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
												RAW	WGHT									
280	LEX-08	5.5	7	4	7	4	3	9	2	6	7.5	55	55	50	8		CONCORD		I		B-1	ERT
281	NAT-01	3	5	3	8	3	8	8	6	7	6	57	55	10	0		NATICK	C	I	D	B-1	SEA (69)
282	BOS-11	5	3	0	8	2	10	7	10	7	6	58	55	10	0	VA Hospit	BOSTON SOUTH	P	I	D	B-1	SEA (226)
283	REV-02	6	4	4	8	5	4	6	2	10	7	56	54	15	4	Pines Rv	BOSTON NORTH	P	1		B-1	SEA (277)
284	HLB-03	8	2	5	4	3	6	3	6	10	8	55	54	11	0		BLUE HILLS	C	1	A	B-1	SEA (58)
285	REV-01	6	2	4	9	5	6	6	2	8	7	55	54	10	0	Sugs BrRR	BOSTON NORTH	P	1		B-1	SEA (276)
286	WEY-08	5	5	5	2	4	6	7	6	6	6	52	54	35	4		WEYMOUTH	C	1		B-1	SEA (103)
287	LEX-03	4	4	1	8	3	8	7	2	10	8	55	53	39	4	Metr Hosp	LEXINGTON	P	1	D	B-1	SEA (254)
288	WLT-05	8	5	1	4	4	6	7	6	8	5	54	53	28	0	MassColAg	LEXINGTON	P	I		B-1	SEA (290)
289	WOB-07	6	6	5	8	5	6	4	0	4	8	52	52	9	0		LEXINGTON	C	1		B-1	SEA (120)
290	MEL-07	7	2	2	7	3	3	6	8	8.5	7	53.5	52	48	0	EllPndPrk	BOSTON NORTH		I		B-1	ERT
291	WEL-01	4	1	2	6	4	3	8	10	6	7	51	51	99	0	MassBy CC	NATICK	P	1		B-1	SEA (292)
292	WLT-10	5	5	1	10	2	5	5	7	10	6	56	51	169	0	CmpCabot	LEXINGTON		1		B-1	ERT
293	MED-03	5	6	4	10	6	4	6	0	8	4	53	50	31	0	Weltn Stn	BOSTON NORTH	P	I		B-1	SEA (256)
294	FRA-15	5	1	2	8	5	3	6	6	6	7	49	48	111	0	Frmh Hos	FRAMINGHAM	P	I		B-1	SEA (251)
295	BRN-09	6	2	4	6	3	5	6	0	7	8	47	47	22	0		BLUE HILLS	C	1	B	B-1	SEA (18)
296	HLB-04	6	2	3	6	0	5	7	4	5	8	46	46	34	3		BLUE HILLS	C	1		B-1	SEA (59)
297	WLT-08	4	4	2	6	3	6	7	2	8	5	47	45	227	0	MetSt Hos	LEXINGTON	P	I		B-1	SEA (287)
298	WLT-02	4	2	2	7	4	5	7	4	10	3	48	45	151	0	Frnld StS	LEXINGTON	P	1		B-1	SEA (283)
299	WAK-02	5	7	6	4	7	1	3	0	4	6	43	45	193	0		READING	C	1	D	B-1	SEA (82)

4. TIER 2 SCREENING

Given the initial site ordering, a second phase, Tier 2, refined screening was completed. The Tier 2 analysis incorporated consideration of technology-specific factors to produce ordered site lists for the residual program functions of transfer, combustion, composting and landfilling. These lists reflect the ability of sites to support either a specific or combined RMFP component use(s). Specific listings, shown in Tables 4-2 through 4-9, were prepared for the following site use applications:

- Coastal Transfer Sites
- Coastal Combustion Only Sites
- Inland Combustion Only Sites
- Coastal Composting Only Sites
- Inland Composting Only Sites
- Coastal Combustion and Composting Sites
- Inland Combustion and Composting Sites
- Inland Landfill Sites

Development of these ordered lists was dependent largely upon the space requirements of the various technologies. The land requirements used in preparing the above technology-specific ordered listings are shown in Table 4-1. These minimum area requirements reflect consideration of both facility engineering and operational space needs, and environmental conditions. The order of the sites in these lists will vary with technology and can be different from the original site ordering presented in Table 3-2. This reflects the suitability of a site for the intended use. In this phase of the analysis, the ranking accounted for the potential environmental impact of the proposed use (e.g., composting, combustion, landfilling) and the relative importance of each of the environmental criteria.

TABLE 4-1

TECHNOLOGY-SPECIFIC SITE ACTIVITIES MINIMUM LAND AREA REQUIREMENT GUIDELINES

Site Location	Potential RMFP Program Application	Minimum Land Area Requirement (Acres)
Coastal/Island	Transfer	5
	Composting	25
	Combustion	8
	Combustion & Composting	30
Inland	Combustion	8
	Composting	25
	Combustion & Composting	30
	Landfill	100*

*The 100 acre minimum requirement was reduced if the location had a setting or existing topography that would permit development of a landfill with a volume that was equal to what would result from a flat 100 acre site.

Tier 2 Screening Table Legend

TIER 1 SITE RANK	SITE NUMBER	ENG NOI LAN CUL TRA SUR GRO WET ECO AIR	SCORE RAW	WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Column	Title	Description
1	Tier 1 Site Rank	This is the ranking of the site based on weighted score shown in column 5. The weighted score reflects the relative importance of the screening criteria to site development but is independent of any consideration of technology.
2	Site Number	This is the unique idenification code assigned to the site. It is composed of a three letter abbreviation of the town or city in which the site is located followed by a two digit number.
3	Screening Criteria Scores	Sites were evaluated and scored for each of the criteria shown in Table 3-1. The numbers in this column are the scores that were given for each criterion. Criteria are abbreviated as follows: ENG - Engineering Considerations NOI - Noise Enviornment LAN - Land Use CUL - Cultural Resources TRA - Transportation/Traffic SUR - Surface Water GRO - Ground Water WET - Wetlands ECO - Ecology AIR - Air Quality/Odors
4	Raw Score	This number is the result of adding the ten scores listed in item 3 above.
5	Weighted Score	Some criteria are more important than others to site development. Ten weighting factors reflecting the relative importance of the criteria were developed and applied to the scores in column 3. The score shown here is the result of applying these weighting factors and is the basis for the ordering of the sites (Column 1).
6	Total Acres	This is the total contiguous acreage of the site as measured from a topographic map.

TIER 2 SCREENING TABLE LEGEND (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG NOI LAN CUL TRA SUR GRO WET ECO AIR	SCORE RAW	WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Column	Title	Description
7	Net Acres	Net acres reflects the site acreage available for development after subtracting wetland areas, areas with excessive slopes, and developed portions of the site.
8	Name	If there is a common name associated with the site it has been indicated. Not all sites have such names.
9	USGS Quadrangle	This identifies the 7.5 minute United States Geological Survey topographic map that contains the site.
10	Owner Code	The code P indicates that the majority of the site is publically owned; a C indicates that the majority of the ownership is private.
11	Location	The code I indicates an inland site in the MWRA service area; C is the designation of a coastal site and X signifies an island.
12	Avail Status	This code indicates the development status of the site. A signifies that 0 to 25 percent of the site is in use or under development; B means that 26 to 50 percent of the site is in use or under development; C means that 51 to 75 percent is in use while D indicates that between 76 and 100 percent of the site is actively being used. This was determined through field investigations. Where site access was restricted no estimates were made of the extent of development.
13	On Site Land Use	These codes indicate whether the site is vacant, designated as park or conservation land, or if used, the status of this use. Specifically the codes signify the following: A-1 = State Park A-2 = Town Park and/or Designated Conservation Land

TIER 2 SCREENING TABLE LEGEND (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG NOI LAN CUL TRA SUR GRO WET ECO AIR	SCORE RAW	WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Column	Title	Description
		B-1 = Existing, Developed Site Use (on-going) and/or New Development Under Construction B-2 = Low Intensity Use (i.e. - quarry, park-ride, warehouse, etc.) B-3 = Abandoned Existing Land-Use (i.e. - abandoned warehouse) C-1 = Vacant Land.
14	Site Origination	Sites identified during the Phase I study are noted by the code SEA with the number in parentheses indicating the ranking of the site in that study. Sites identified during the Phase II study are coded ERT. A CEM code refers to additional sites from a CE Magure site inventory report dated May 1986.

TABLE 4-2

INITIAL COASTAL TRANSFER SITE SUITABILITY RANKING

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
1	BOS-06	6	8	9	10	6	6	7	10	10	7	79	219	5	5	EastJetty	BOSTON SOUTH	P	C	A	B-3	SEA
4	EVR-04	7	7	9	10	7	7	7	6	10	6	76	212	20	20	ChmLn/MRv	BOSTON NORTH	P	C	C	B-2	SEA (239)
6	CHE-08	5	5	8	8	6	8	7	10	10	7	74	207	18	18	Cbot Stns	BOSTON NORTH	C	C	A	B-3	SEA
10	BOS-17	5	7	7	8	7	6	7	10	10	6	73	204	24	24	US Navy R	BOSTON SOUTH	P	C	C	B-2	SEA (225)
5	BOS-30	6	7	9	8	4	9	7	10	10	6	76	204	13	13		BOSTON SOUTH		C	B	B-2	ERT
19	QUI-07	5	6	8	8	7	4	7	9	10	6	70	201	150	150	Qncy ShYd	WEYMOUTH	C	C	A	B-3	SEA
11	BOS-10	5	9	5	10	8	8	7	6	10	6	74	198	18	18	Chels. Cr	BOSTON NORTH	P	C	D	B-2	SEA (A)
12	BOS-31	6	5	8	10	4.5	6	7	9	10	7.5	73	196	105	5	ConleyTer	BOSTON SOUTH	C	C	B	B-2	CEM
14	BOS-19	4	5	8	10	5	8	7	10	10	6	73	195	19	15	Res Chan	BOSTON SOUTH	P	C	C	B-3	SEA (A)
17	CHA-07	5	4	5	8	7	8	7	10	10	7	71	193	12	6	Revre Sug	BOSTON NORTH	C	C	B	B-3	SEA
21	BOS-16	5	4	6	10	7	6	7	10	10	6	71	192	19	16	Bs ShipYd	BOSTON SOUTH	C	C	A	B-3	SEA
18	BOS-18	5	5	6	8	6	8	7	10	10	6	71	191	17	17	SB Pier1	BOSTON SOUTH	C	C	D	B-2	SEA (A)
41	BOS-23	4	9	7	4	7	5	7	6	8	6	63	190	50	40	Nepst Res	BOSTON SOUTH	P	C	A	A-2	SEA (224)
15	EVR-01	5	7	6	8	6	6	10	6	10	7	71	189	10	10	IsEd InPk	BOSTON NORTH	C	C	D	B-2	SEA (A)
39	LYN-02	4	9	8	10	6	4	6	2	10	7	66	185	87	48	Lynn Harb	LYNN	C	C	C	B-3	CEM
22	CHA-10	5	5	5	7	7	8	8	6	10	7	68	185	5	5	SelfStor	BOSTON NORTH	C	C	D	B-2	CEM
37	BOS-25	5	9	9.5	2	1	5	9	6	6	9	61.5	178	77	77	Spectl Is	HULL	P	X	A	C-1	ERT
31	HIN-02	6	7	3	7	6	6	7	6	7	10	65	177	14	14	Stods Nck	HULL	P	C	D	A-2	SEA (253)
29	BOS-13	5	5	7	10	3	6	7	10	10	6	69	175	22	16	Wiglworth	BOSTON SOUTH	C	C	A	B-3	SEA (A)
38	BOS-04	4.5	4	6	10	5	5	7	10	10	5.5	67	174	8	8	BS BusPrk	BOSTON SOUTH	C	C	D	B-2	ERT
85	HIN-04	7	6	5	2	7	6	7	0	8	8	56	168	47	23		WEYMOUTH	C	C	A	B-3	SEA (51)
126	QUI-03	4	6	9	6	6	4	7	2	4	5	53	165	44	23		BOSTON SOUTH	C	C		C-1	SEA (500)
87	SOM-02	4	9	2	3	6	4	6	10	7	7	58	164	108	108	Mystc Res	BOSTON NORTH	P	C		A-1	SEA (280)
62	CHA-08	5	7	3	8	5	6	7	6	10	7	64	161	10	8	Ryn Plygr	BOSTON NORTH	C	C	D	A-2	SEA (A)
36	BOS-26	7	5	5	10	3	5	10	4	7	9	65	160	179	25	Deer Is	HULL	P	X	A	B-3	ERT
73	QUI-09	3	6	5	10	2	6	9	6	7	8	62	151	50	35	Moon Is	HULL	P	X	C	B-3	ERT
75	BOS-07	5	3	3	10	3	7	7	10	10	6	64	148	6	5	Es Prt Pk	BOSTON NORTH	C	C	D	B-2	SEA
151	HUL-01	5	5	5.5	0	1	4	9	4	7	9	49.5	138	212	179	Pdoks Is	HULL	P	X	A	C-1	ERT
139	BOS-27	6	4	5.5	6	1	4	9	2	6	9	52.5	133	35	27	Lovell Is	HULL	P	X	D	A-1	ERT
191	BOS-28	3	8	4	0	2	4	7	2	4	10	44	131	143	109	Tmpson Is	BOSTON SOUTH	C	X		B-2	ERT
180	WEY-05	4	1	2	3	3	5	7	6	6	10	47	128	24	21	Off RivSt	HULL	P	C		A-1	SEA (295)
177	BOS-24	5	3	3	2	2	5	9	4	5	9	47	125	183	146	Long Is	HULL	P	X		C-1	ERT
208	WIN-02	4	5	6	7	3	4	6	0	7	5	47	124	24	9		LYNN	C	C		C-1	SEA (117)
203	QUI-02	4	2	4	6	2	5	7	4	7	6	47	116	15	7	Rye Is	HULL	P	X		C-1	SEA (272)

TABLE 4-3

INITIAL COASTAL COMBUSTION SITE SUITABILITY RANKING

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
4	EVR-04	7	7	9	10	7	7	7	6	10	6	76	258	20	20	ChmLn/MRv	BOSTON NORTH	P	C	C	B-2	SEA (239)
6	CHE-08	5	5	8	8	6	8	7	10	10	7	74	255	18	18	Cbot Stns	BOSTON NORTH	C	C	A	B-3	SEA
5	BOS-30	6	7	9	8	4	9	7	10	10	6	76	253	13	13		BOSTON SOUTH		C	B	B-2	ERT
10	BOS-17	5	7	7	8	7	6	7	10	10	6	73	250	24	24	US Navy R	BOSTON SOUTH	P	C	C	B-2	SEA (225)
11	BOS-10	5	9	5	10	8	8	7	6	10	6	74	247	18	18	Chels. Cr	BOSTON NORTH	P	C	D	B-2	SEA (A)
19	QUI-07	5	6	8	8	7	4	7	9	10	6	70	244	150	150	Qncy ShYd	WEYMOUTH	C	C	A	B-3	SEA
14	BOS-19	4	5	8	10	5	8	7	10	10	6	73	241	19	15	Res Chan	BOSTON SOUTH	P	C	C	B-3	SEA (A)
15	EVR-01	5	7	6	8	6	6	10	6	10	7	71	241	10	10	IsEd InPk	BOSTON NORTH	C	C	D	B-2	SEA (A)
18	BOS-18	5	5	6	8	6	8	7	10	10	6	71	236	17	17	SB Pier1	BOSTON SOUTH	C	C	D	B-2	SEA (A)
21	BOS-16	5	4	6	10	7	6	7	10	10	6	71	235	19	16	Bs ShipYd	BOSTON SOUTH	C	C	A	B-3	SEA
41	BOS-23	4	9	7	4	7	5	7	6	8	6	63	234	50	40	Nepst Res	BOSTON SOUTH	P	C	A	A-2	SEA (224)
37	BOS-25	5	9	9.5	2	1	5	9	6	6	9	61.5	233	77	77	Spectl Is	HULL	P	X	A	C-1	ERT
39	LYN-02	4	9	8	10	6	4	6	2	10	7	66	232	87	48	Lynn Harb	LYNN	C	C	C	B-3	CEM
31	HIN-02	6	7	3	7	6	6	7	6	7	10	65	232	14	14	Stods Nck	HULL	P	C	D	A-2	SEA (253)
29	BOS-13	5	5	7	10	3	6	7	10	10	6	69	219	22	16	Wiglworth	BOSTON SOUTH	C	C	A	B-3	SEA (A)
85	HIN-04	7	6	5	2	7	6	7	0	8	8	56	217	47	23		WEYMOUTH	C	C	A	B-3	SEA (51)
38	BOS-04	4.5	4	6	10	5	5	7	10	10	5.5	67	215	8	8	BS BusPrk	BOSTON SOUTH	C	C	D	B-2	ERT
36	BOS-26	7	5	5	10	3	5	10	4	7	9	65	213	179	25	Deer Is	HULL	P	X	A	B-3	ERT
62	CHA-08	5	7	3	8	5	6	7	6	10	7	64	210	10	8	Ryn Plygr	BOSTON NORTH	C	C	D	A-2	SEA (A)
87	SOM-02	4	9	2	3	6	4	6	10	7	7	58	209	108	108	Mystc Res	BOSTON NORTH	P	C		A-1	SEA (280)
73	QUI-09	3	6	5	10	2	6	9	6	7	8	62	202	50	35	Moon Is	HULL	P	X	C	B-3	ERT
126	QUI-03	4	6	9	6	6	4	7	2	4	5	53	200	44	23		BOSTON SOUTH	C	C		C-1	SEA (500)
151	HUL-01	5	5	5.5	0	1	4	9	4	7	9	49.5	188	212	179	Pdoks Is	HULL	P	X	A	C-1	ERT
191	BOS-28	3	8	4	0	2	4	7	2	4	10	44	183	143	109	Tmpson Is	BOSTON SOUTH	C	X		B-2	ERT
139	BOS-27	6	4	5.5	6	1	4	9	2	6	9	52.5	182	35	27	Lovell Is	HULL	P	X	D	A-1	ERT
180	WEY-05	4	1	2	3	3	5	7	6	6	10	47	175	24	21	Off RivSt	HULL	P	C		A-1	SEA (295)
177	BOS-24	5	3	3	2	2	5	9	4	5	9	47	173	183	146	Long Is	HULL	P	X		C-1	ERT
208	WIN-02	4	5	6	7	3	4	6	0	7	5	47	159	24	9		LYNN	C	C		C-1	SEA (117)

TABLE 4-4

INITIAL COASTAL COMPOSTING SITE SUITABILITY RANKING

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
19	QUI-07	5	6	8	8	7	4	7	9	10	6	70	229	150	150	Qncy ShYd	WEYMOUTH	C	C	A	B-3	SEA
41	BOS-23	4	9	7	4	7	5	7	6	8	6	63	217	50	40	Nepst Res	BOSTON SOUTH	P	C	A	A-2	SEA (224)
39	LYN-02	4	9	8	10	6	4	6	2	10	7	66	214	87	48	Lynn Harb	LYNN	C	C	C	B-3	CEM
37	BOS-25	5	9	9.5	2	1	5	9	6	6	9	61.5	211	77	77	Spectl Is	HULL	P	X	A	C-1	ERT
36	BOS-26	7	5	5	10	3	5	10	4	7	9	65	195	179	25	Deer Is	HULL	P	X	A	B-3	ERT
87	SOM-02	4	9	2	3	6	4	6	10	7	7	58	191	108	108	Mystc Res	BOSTON NORTH	P	C		A-1	SEA (280)
73	QU1-09	3	6	5	10	2	6	9	6	7	8	62	184	50	35	Moon Is	HULL	P	X	C	B-3	ERT
151	HUL-01	5	5	5.5	0	1	4	9	4	7	9	49.5	170	212	179	Pdoks Is	HULL	P	X	A	C-1	ERT
139	BOS-27	6	4	5.5	6	1	4	9	2	6	9	52.5	165	35	27	Lovell Is	HULL	P	X	D	A-1	ERT
191	BOS-28	3	8	4	0	2	4	7	2	4	10	44	161	143	109	Tmpson Is	BOSTON SOUTH	C	X		B-2	ERT
177	BOS-24	5	3	3	2	2	5	9	4	5	9	47	156	183	146	Long Is	HULL	P	X		C-1	ERT

TABLE 4-5

INITIAL COASTAL COMPOSTING AND COMBUSTION SITE SUITABILITY RANKING

TIER 1	SITE	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE		TOTAL	NET	NAME	USGS	OWNER	LOCATION	AVAIL	ON SITE	SITE
SITE RANK	NUMBER											RAW	WGHT	ACRES	ACRES		QUADRANGLE	CODE		STATUS	LAND USE	ORIGINATION
19	QUI-07	5	6	8	8	7	4	7	9	10	6	70	244	150	150	Qncy ShYd	WEYMOUTH	C	C	A	B-3	SEA
41	BOS-23	4	9	7	4	7	5	7	6	8	6	63	234	50	40	Nepst Res	BOSTON SOUTH	P	C	A	A-2	SEA (224)
37	BOS-25	5	9	9.5	2	1	5	9	6	6	9	61.5	233	77	77	Spectl Is	HULL	P	X	A	C-1	ERT
39	LYN-02	4	9	8	10	6	4	6	2	10	7	66	232	87	48	Lynn Harb	LYNN	C	C	C	B-3	CEM
36	BOS-26	7	5	5	10	3	5	10	4	7	9	65	213	179	25	Deer Is	HULL	P	X	A	B-3	ERT
87	SOM-02	4	9	2	3	6	4	6	10	7	7	58	209	108	108	Mystc Res	BOSTON NORTH	P	C		A-1	SEA (280)
73	QUI-09	3	6	5	10	2	6	9	6	7	8	62	202	50	35	Moon Is	HULL	P	X	C	B-3	ERT
151	HUL-01	5	5	5.5	0	1	4	9	4	7	9	49.5	188	212	179	Pdoks Is	HULL	P	X	A	C-1	ERT
191	BOS-28	3	8	4	0	2	4	7	2	4	10	44	183	143	109	Tmpson Is	BOSTON SOUTH	C	X		B-2	ERT
139	BOS-27	6	4	5.5	6	1	4	9	2	6	9	52.5	182	35	27	Lovell Is	HULL	P	X	D	A-1	ERT
177	BOS-24	5	3	3	2	2	5	9	4	5	9	47	173	183	146	Long Is	HULL	P	X		C-1	ERT

TABLE 4-6

INITIAL INLAND COMBUSTION SITE SUITABILITY RANKING

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
3	WIL-08	5	B	10	B	5	6	8	6	7	10	73	271	79	39		WILMINGTON	C	I	C	B-3	SEA (111)
2	WLP-05	8	5	8	7	4	8	10	10	8	8	76	257	9	9		NORWOOD	C	I	A	C-1	SEA (84)
9	BRN-05	7	7	7	4	6	7	7	10	10	7	72	255	26	22		BLUE HILLS	P	I	D	B-2	SEA (14)
7	BOS-29	6	8	8	7	4	9	7	10	10	6	75	250	10	10		BOSTON SOUTH		1	D	B-2	ERT
13	WIL-09	7	7	5	8	5	6	10	4	8	10	70	244	118	46		WILMINGTON	C	I	C	C-1	SEA (503)
45	WIL-04	6	8	8	6	6	6	6	0	5	10	61	240	43	9		WILMINGTON	C	I	A	C-1	SEA (110)
50	WIL-11	6	9	9	8	7	5	4	0	7	8	63	240	119	2B		WILMINGTON	C	I	A	C-1	SEA (113)
25	CAN-06	7	6	6	4	5	8	6	10	7	7.5	66.5	236	14	14	Green St	NORWOOD	P	1	C	B-2	SEA (232)
55	WLP-09	7	6	7	5	5	5	3	4	10	10	62	235	84	20		MANSFIELD	C	1	C	C-1	SEA (90)
44	DED-01	5	7	6.5	7	7	7	6	0	10	8	63.5	233	14	8		NORWOOD	C	I	D	B-2	SEA (547)
28	STO-06	4	5	8.5	8	5	5	10	4	7	8	64.5	232	187	90		BLUE HILLS	C	I	B	C-1	SEA (79)
16	WLP-07	6	5	5.5	7	3	7	10	10	9	8	70.5	232	46	39		NORWOOD	C	I	A	C-1	SEA (85)
23	ASH-22	6	6	3	3	4	6	10	10	8	9.5	65.5	230	125	125		HOLLISTON	C	I	A	C-1	SEA (523)
35	WES-02	5	7	6	7	6	6	8	4	7	8	64	230	131	111		NORWOOD	C	I	A	C-1	SEA (95)
33	BUR-03	6	7	8	7	4	5	8	4	8	8	65	230	259	102		LEXINGTON	C	I	A	C-1	SEA (24)
77	WLP-14	4	6	8	6	6	4	7	0	6	10	57	229	616	90		WRENTHAM	C	1	A	C-1	SEA (89)
24	WLP-06	4.5	4	3	8	5	6	10	9	7	10	66.5	229	17	15		WRENTHAM	C	I	B	C-1	SEA (91)
30	WLP-13	7	4	5	5	5	6	10	4	8	9.5	63.5	228	291	240		MEDFIELD	C	I	B	C-1	SEA (509)
27	HLB-11	9	5	5	5	4	5	10	4	7	10	64	227	108	93		WEYMOUTH	C	I	A	C-1	SEA (515)
34	CAN-14	4	6	9	8	3	6	10	4	6	8	64	226	79	42		BLUE HILLS	P	I	A	C-1	SEA (31)
47	FRA-12	6	9	9	6	5	2	B	4	8	6	63	226	82	56		FRAMINGHAM	C	I	A	C-1	SEA (46)
40	WLP-02	5	2	3	7	6	5	6	10	10	10	64	225	18	15		WRENTHAM	C	I	A	B-3	SEA (92)
53	BED-05	3	10	10	3	4	4	10	4	8	5	61	225	21	10		WILMINGTON	C	I	C	B-3	SEA (9)
63	WEY-11	5	7	7	8	4	8	2	6	9	8	64	225	41	22		WEYMOUTH	C	I	C	B-2	SEA (106)
78	W1L-07	6	7	7	8	6	5	4	0	8	9	60	224	152	53		WILMINGTON	C	I		C-1	SEA (109)
82	NOR-03	4	5	8	0	4	5	6	8	8	8	56	222	50	46		NORWOOD	C	I		C-1	SEA (535)
54	WES-01	4	4	6	10	8	B	3	10	7	5	65	222	88	88		NORWOOD	C	I	D	C-1	SEA (96)
90	CAN-08	6	7	9	6	3	5	4	2	5	10	57	222	36	8		BLUE HILLS	C	I	D	C-1	SEA (33)
79	BUR-02	1	6	8	6	6	6	10	2	3	B	56	221	65	49		LEXINGTON	C	I		C-1	SEA (26)
71	BRN-07	5	8	8.5	8	6	4	6	2	8	6	61.5	221	31	26		WEYMOUTH	C	I	B	B-3	SEA (19)
26	ASH-20	8	5	5	7	4	8	10	4	7	8	66	221	187	182		FRAMINGHAM	C	I	A	A-2	SEA (544)
68	FRA-09	5	7	7	8	6	4	6	2	10	7	62	220	29	11		FRAMINGHAM	C	I	B	B-2	SEA (44)
65	WOB-08	4	10	6	10	6	6	8	2	0	8	60	220	132	68		WILMINGTON	C	I	D	B-3	SEA (118)
67	HLB-10	7	3	7	6	5	5	4	8	8	8	61	220	105	33		BLUE HILLS	C	I	A	C-1	SEA (61)
74	WEY-09	7	7	6	6	4	7	3	4	10	8	62	218	56	31		WEYMOUTH	C	I	B	B-2	SEA (102)
59	WEY-15	4	8	4	8	5	8	7	4	7	8	63	218	1410	50	Wym ArStn	WEYMOUTH	P	I	D	B-2	SEA (293)
49	HLB-13	7	6	4	4	3	6	10	4	7	10	61	217	343	254		WEYMOUTH	C	I	A	C-1	SEA (514)
B9	STO-05	2	6	9	6	4	8	10	0	2	8	55	214	382	90		BLUE HILLS	C	I	B	C-1	SEA (526)
43	WLP-04	7	4	3	7	4	8	6	10	8	8	65	213	12	9		NORWOOD	C	I	B	C-1	SEA (86)
91	LEX-02	6	8	9	9	5	6	4	0	7	6	60	213	76	43		CONCORD	C	I		C-1	SEA (66)
83	WEY-13	3	9	5	4	4	7	8	2	8	8	58	213	130	93		WEYMOUTH	C	I		B-2	SEA (105)
56	WLP-08	8	2	4	5	4	6	10	4	7	10	60	212	105	93	MCI WalpI	WRENTHAM	P	I	A	C-1	SEA (282)
86	BRN-08	7	6	6	4	5	5	7	2	7	8	57	211	34	28		WEYMOUTH	C	I		B-2	SEA (21)
76	FRA-10	5	3	5	6	5	8	4	10	8	7	61	211	37	26		FRAMINGHAM	C	I	A	C-1	SEA (45)
141	CAN-19	B	7	9	2	8	4	2	0	7	5	52	210	330	22		NORWOOD	P	I		B-3	SEA (27)
46	NOR-04	6	3	5	6	5	6	10	8	8	6	63	209	75	50		NORWOOD	C	I	B	C-1	SEA (536)
95	STO-08	7	5	4.5	1	6	5	10	2	3	9	52.5	209	534	382		BROCKTON		I		B-2	SEA (521)
111	CAN-09	6	4	8	6	3	6	4	0	8	10	55	209	53	11		BLUE HILLS	P	1	D	B-2	SEA (36)
94	NAT-02	5	B	5	7	6	3	6	2	10	7	59	209	31	26		FRAMINGHAM	C	I	B	B-2	SEA (68)
69	BRN-10	7	6	6	7	4	5	10	0	7	8	60	208	46	22		WEYMOUTH	C	I	C	C-1	SEA (22)
127	WEY-07	5	6	7	0	4	10	4	0	8	B	52	208	32	17		WEYMOUTH	C	I		C-1	SEA (100)
61	LEX-10	5.5	3.5	4	8	4.5	3	10	7	7.5	8.5	61.5	208	84	54		CONCORD	C	I	B	A-2	ERT
58	FRA-07	8	5	5	8	3	6	6	10	6	7	64	207	11	11	MilWd St	FRAMINGHAM	P	I	A	B-3	SEA (247)
80	NAT-08	6	3	4	2	4	5	10	6	6	9.5	55.5	207	113	61		NATICK	C	I	B	C-1	SEA (508)
12B	HLB-12	6	7	5	3	6	4	4	2	8	8	53	205	139	109		BROCKTON	C	I	A	B-2	SEA (62)

TABLE 4-6 (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
108	ASH-18	5	4	5	0	6	6	8	4	8	7	53	205	130	126		FRAMINGHAM	C	1	A	C-1	SEA (7)
52	BED-09	7	4	3	8	2	6	10	4	9	10	63	204	124	96	Spring St	BILLERICA	P	1	A	C-1	SEA (214)
60	MAL-01	4	8	4	7	4	7	10	5	10	5	64	203	47	42	RoweQury	BOSTON NORTH	C	I	D	B-2	ERT
92	REV-07	5	7	3.5	4	5	2.5	8	6	10	7	58	203	32	31		LYNN		1		B-2	ERT
81	WOB-11	3	5	5	10	4	7	8	4	7	7.5	60.5	202	89	75		WILMINGTON		1		B-2	ERT
88	NAT-06	6	4	5	6	5	6	8	4	7	7	58	202	65	57		NATICK	C	1	A	C-1	SEA (507)
98	CAN-03	8	4	6	6	4	6	6	2	7	8	57	201	24	13		BLUE HILLS	C	1	C	B-2	SEA (30)
115	REV-05	6	6	8	8	5	4	6	0	5	7	55	201	373	17		BOSTON NORTH	C	1	D	B-3	SEA (77)
64	NOR-06	7	2	3	2	4	8	10	10	8	6	60	198	83	28		NORWOOD	C	1	C	C-1	SEA (537)
117	WEY-12	6	5	6	6	4	6	6	0	8	8	55	198	89	32		WEYMOUTH	C	1		B-2	SEA (97)
72	WOB-10	6	6	4	8	3	6	10	4	7.5	7	61.5	197	169	125	WhispHill	LEXINGTON		1		C-1	ERT
101	STO-04	4	3	4	2	4	5	10	6	8	8	54	197	114	86		BLUE HILLS	C	1	A	B-2	SEA (525)
133	BED-10	6	5	3	2	4	6	6	4	5	10	51	197	183	151		CONCORD	C	1		C-1	SEA (502)
123	WLP-11	7	4	5	2	4	5	6	4	8	8	53	196	103	89		NORWOOD	C	I		C-1	SEA (94)
106	WOB-05	4	5	8	7	3	6	6	6	8	5	58	196	29	15		LEXINGTON	C	I		C-1	SEA (122)
48	STN-02	6	4	2	10	3	6	10	10	8.5	6.5	66	195	35	35	BearHl GC	BOSTON NORTH		1	D	B-2	ERT
66	FRA-11	8	6	5	7	1	5	10	6	7	7	62	195	12	12	Edmds Rd	FRAMINGHAM	P	I	A	B-3	SEA (248)
100	NAT-07	8	3	4	4	3	6	8	4	6	9	55	194	224	222		NATICK	C	1	A	B-2	SEA (504)
174	WLP-10	4	4	6	2	4	5	4	2	8	9	48	194	124	53		MEDFIELD	C	1		C-1	SEA (88)
135	ASH-04	5	5	5	8	4	3	4	6	7	8	55	193	24	8		FRAMINGHAM	C	1		B-2	SEA (2)
102	WLP-15	8	2	4	5	2	6	7.5	4	7	10	55.5	193	589	504		MEDFIELD	C	1		C-1	SEA (510)
99	NAT-05	7	3	3	4	2	6	10	4	6	10	55	192	74	72		NATICK	C	1	A	B-2	SEA (506)
97	REV-06	5.5	7	3	6	4	4	7	8	9.5	5.5	59.5	191	76	17	SuffDowns	LYNN		1		B-2	ERT
113	CAN-17	2	6	5	6	2	6	10	2	8	8	55	191	445	195		BLUE HILLS	P	1	B	C-1	SEA (545)
110	NED-02	7	3	4.5	2	4	7	7	8	6	6	54.5	191	117	117		NATICK	C	1	A	C-1	SEA (505)
70	STN-01	5.5	3.5	3	9	3	6	10	8.5	8.5	6	63	190	82	46	GolfCours	BOSTON NORTH		I	D	B-2	ERT
136	NOR-02	6	3	5	3	6	8	6	4	7	5	53	189	128	86		NORWOOD	C	I		B-2	SEA (72)
84	ARL-01	7	4	2.5	10	5	7	8	4	8	6	61.5	189	27	27		LEXINGTON	p	I		A-2	ERT
146	RED-03	5	6	4	6	4	5	6	2	7	8	53	189	172	98	Cmp CrtGu	READING	P	1		B-2	SEA (274)
114	LEX-09	5.5	6.5	2	2	4.5	3	10	6	7	7	53.5	189	32	32	FiskeHill	CONCORD		I		A-1	ERT
120	NEW-03	9	3	1	8	5	5	1	10	8	8	58	188	22	22	Pne/Gr Av	NATICK	P	I	A	B-2	SEA (271)
149	FRA-16	4	5	3	4	5	5	6	4	10	7	53	188	171	74	MCI Frmh	FRAMINGHAM	P	I		B-2	SEA (249)
132	ASH-10	4	5	6	6	4	3	8	4	8	6	54	188	65	59		FRAMINGHAM	C	I		B-2	SEA (5)
112	BRN-13	6	6	5	6	2	3	10	2	7	8	55	187	145	63		WEYMOUTH	C	I		C-1	SEA (517)
119	HLB-05	6	4	5	8	3	6	8	2	5	8	55	187	17	11		BLUE HILLS	C	1	A	C-1	SEA (64)
93	WLP-12	9	2	5	7	2	5	10	2	8	8	58	187	212	200		NORWOOD	C	I		C-1	SEA (534)
104	CAN-12	5	6	0	4	3	7	10	6	5	9	55	187	123	123		BLUE HILLS	P	1	A	B-2	SEA (531)
109	NED-04	4.5	2.5	4	6.5	3	6	7	9	8.5	6.5	57.5	187	44	12		NEWTON		I		B-2	ERT
154	WLP-03	6	4	4	7	5	3	6	0	10	8	53	186	28	8		NORWOOD	C	I		B-2	SEA (93)
96	BRO-04	6	2	3	8	2	6	7	9	9.5	7.5	60	186	19	19		NEWTON		I	A	B-2	ERT
122	LEX-01	5	6	6	8	3	2	10	0	8	7	55	186	27	17		CONCORD	C	I		C-1	SEA (67)
173	BRN-04	6	7	8	2	3	2	8	0	4	7	47	185	20	14		BLUE HILLS	C	I	B	C-1	SEA (16)
156	WIL-10	6	1	5	4	5	6	6	4	7	7	51	185	110	94		WILMINGTON	C	I		C-1	SEA (504)
153	STO-07	7	5	3	2	4	5	7	5	4	8	50	185	204	138		BROCKTON		I		A-2	SEA (522)
107	HLB-09	8	3	4	4	2	5	10	4	7	8	55	185	50	33		BLUE HILLS	C	I	B	C-1	SEA (529)
125	LEX-04	8	4	3.5	8	6	6	7	0	7	6	55.5	184	225	151		LEXINGTON	C	I		B-2	SEA (501)
134	DED-03	5	6	3	1	5	6	10	4	7	5	52	183	149	60		NEWTON	C	1	A	C-1	SEA (41)
143	WES-04	5	4	4	6	4	4	10	0	7	8	52	183	322	43		NORWOOD	C	I		C-1	SEA (546)
155	BRN-12	8	4	5	4	3	2	6	6	7	7	52	181	206	90		BLUE HILLS	C	I	A	C-1	SEA (530)
144	STO-03	8	3	3	0	3	6	10	2	7	8	50	180	48	34		BLUE HILLS	C	I		C-1	SEA (524)
172	ASH-21	6	7	6	8	5	1	6	0	6	6	51	180	186	12		HOLLISTON	C	1		B-2	SEA (3)
124	BOS-21	6	4	2	8	5	7	7	2	10	6	57	180	150	110	Bs St Hsp	BOSTON SOUTH	P	I		B-3	SEA (222)
167	WEY-10	6	2	4	8	4	6	3	2	10	8	53	180	47	12		WEYMOUTH	C	I		B-3	SEA (101)
140	BEL-07	5	2	1	7	5	5.5	7	5	8.5	8	54	180	107	82	BelmontCC	LEXINGTON		I		B-2	ERT
163	CAN-16	8	5	3	4	5	5	4	5	7	6	52	179	186	153		BLUE HILLS		I	A	C-1	SEA (228)
170	NOR-05	7	3	7	6	4	4	6	0	8	6	51	179	159	41		NORWOOD	C	1		C-1	SEA (70)

TABLE 4-6 (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
129	MEL-06	7	3	3	7	3	4	6	7	9	7	56	179	98	88	GolfCours	BOSTON NORTH		I		B-2	ERT
162	MIL-01	7	3	2	4	5	4	7	4	6	8	50	178	449	302		BLUE HILLS	P	I		A-1	SEA (533)
176	ASH-05	7	5	4	4	4	2	6	2	8	7.5	49.5	178	35	13		FRAMINGHAM	C	I		C-1	SEA (6)
118	WES-03	7	2	3	6	2	5	10	4	8	8	55	177	126	45		NORWOOD	C	I		C-1	SEA (538)
152	LEX-07	4	4	3	7	3	4.5	8	4	8.5	7.5	53.5	177	98	21	PineMedwCC	CONCORD		I		B-2	ERT
183	MIL-03	3	7	0	0	6	5	8	6	4	7	46	177	4200	3112	BIHls Res	BLUE HILLS	P	I		A-1	SEA (265)
158	ASH-16	8	4	2	4	2	3	7	4	8	9.5	51.5	177	114	109		HOLLISTON	C	I		C-1	SEA (519)
182	NED-07	5	2	3	0	4.5	6	10	2	3	8.5	44	176	160	116		NATICK		I		A-2	ERT
166	BRN-11	6	7	5	6	3	4	7	0	8	6	52	175	121	26		WEYMOUTH	C	I		B-2	SEA (20)
169	RED-02	5	2	4	7	3	8	6	2	6	8	51	175	75	60		READING	C	I		C-1	SEA (513)
181	WEY-14	5	2	2	2	4	7	5	6	7	8	48	175	120	71		WEYMOUTH	C	I		C-1	SEA (518)
137	WOB-09	7	2	3	4	2	6	10	3	7.5	8	52.5	175	60	39		LEXINGTON		I		C-1	ERT
186	WOB-06	5	5	6	10	4	4	5	0	4	7	50	175	37	10		LEXINGTON	C	I		C-1	SEA (121)
157	ASH-08	7	4	2	5	4	4	7	6	6	7	52	175	50	37	Aikens Rd	MARLBOROUGH	P	I		C-1	SEA (203)
205	CAN-13	6	4	7	6	3	4	2	0	6	8	46	174	188	20		BLUE HILLS	C	I		C-1	SEA (32)
116	HLB-08	9	1	2	4	2	6	10	6	6	8	54	174	26	26		BLUE HILLS	C	I	A	B-2	SEA (528)
164	ASH-12	8	4	2	8	3	6	3	4	8	8	54	174	50	42		HOLLISTON	C	I		C-1	SEA (520)
189	CAM-01	5	6	5	4	7	4	9	0	2	4	46	172	41	15		LEXINGTON		I		C-1	ERT
187	BED-06	7	7	3	2	3	5	8	0	3	8	46	172	53	31		CONCORD		I		C-1	SEA (215)
206	NOR-01	6	6	6	6	6	4	3	0	4	5	46	171	144	28		NORWOOD	C	I		C-1	SEA (71)
150	BEL-06	5	3	2	4	3	5.5	10	5	8.5	6.5	52.5	171	205	53	McLenHosp	LEXINGTON		I		A-2	ERT
142	MEL-04	3	3.5	3	9	2	5	10	4	8.5	7	55	171	169	137	MtHoodMP	BOSTON NORTH		I		A-2	ERT
130	BEL-04	6.5	2	1	6	3	7	8	7	8.5	6.5	55.5	171	89	30	WellngtHI	LEXINGTON		I		C-1	ERT
204	NED-05	4.5	5	5	1	2	4.5	7	0	5.5	8.5	43	170	272	55		NATICK		I		B-3	ERT
199	WIL-06	1	5	6	8	6	6	6	2	3	4	47	169	63	55		WILMINGTON	C	I		B-2	SEA (116)
196	WEY-16	3	2	2	0	4	6	8	4	7	8	44	169	82	50		WEYMOUTH	C	I		C-1	ERT
148	LEX-06	5	3	2	7	2	6	10	5	5.5	7.5	53	168	97	85	WhplHill	LEXINGTON		I		A-2	ERT
184	CAN-20	5	6	3	8	5	5	7	3	1	6	49	168	213	193		BLUE HILLS	P	I	A	C-1	ERT
194	STO-02	6	4	7	7	3	5	4	2	6	5	49	167	44	33		NORWOOD	C	I		C-1	SEA (80)
175	BRO-01	5	3	2	3	2	6.5	7	7	7.5	7	50	167	65	40		NEWTON		I	B	C-1	ERT
193	WEY-04	6	2	4	4	6	6	7	0	7	5	47	166	28	12		WEYMOUTH	C	I		C-1	SEA (99)
147	QUI-04	3	4	5	8	5	6	10	4	10	1	56	166	82	22		WEYMOUTH	C	I		B-2	SEA (74)
131	WAT-02	5	3	0	4	2	7.5	10	10	7	6	54.5	166	84	48	OakleyCC	NEWTON		I	B	B-2	ERT
160	BRO-02	5.5	3	2	5	2	7	7	8	7.5	6	53	166	118	118	PthmMdwCC	NEWTON		I	A	B-2	ERT
168	BRO-03	6	2.5	1	3	2	7	7	8	7.5	7	51	165	134	123	TheCntrC	NEWTON		I	A	B-2	ERT
216	RAN-03	6.5	2	5	1	4	4	4	0	8.5	7	42	163	162	48		BLUE HILLS		I		C-1	ERT
179	MIL-02	5	2	2	4	3	5	7	8	8	6	50	163	306	280		BLUE HILLS	C	I	A	C-1	SEA (532)
165	NEW-04	5	3	1	6	3	7	10	4	4.5	7	50.5	163	189	160	Chr1RvCC	NEWTON		I	A	B-2	ERT
219	CAN-18	7	7	5	0	6	4	4	0	4	4	41	163	276	12		NORWOOD		I		C-1	SEA (233)
197	NED-06	7	3	1.5	1	2	5.5	7	2	7	9	45	162	79	51		NATICK		I		C-1	ERT
201	NOR-07	4	8	5	6	4	4	4	5	7	2.5	49.5	161	108	107		NORWOOD		I		B-2	ERT
188	ASH-11	7	4	3	5	2	3	7	4	7	7	49	161	86	31	Howe St	MARLBOROUGH	P	I		C-1	SEA (210)
209	BED-08	4	1	3.5	4	4	6	5	2	8	7	44.5	161	96	49		BILLERICA		I		C-1	SEA (217)
195	NED-03	7	1	2	6	4	3	6	6	4.5	7.5	47	160	117	64		NEWTON		I		B-2	ERT
198	BOS-22	5	3	1	1	4	7	7	4	8	6	46	159	268	261	Frank Prk	BOSTON SOUTH	P	I		A-1	SEA (223)
161	WNC-01	5	2	1	7	2	3	10	8	8.5	6.5	53	158	139	127	Wnchtr CC	LEXINGTON		I		B-2	ERT
190	WNC-03	7	3	2	2	3	2	7	8	10	5	49	157	56	22		LEXINGTON		I		B-2	ERT
178	BOS-20	6	2	0	4	3	5	7	8	10	6	51	157	66	38	BkBay Fen	BOSTON SOUTH	P	I		A-2	SEA (221)
212	ASH-17	8	5	3	6	3	1	3	5	3	7.5	44.5	156	425	180	Ash St Pk	HOLLISTON	P	I		A-1	SEA (206)
221	QUI-08	2	4	3	0	5	5	7	4	5	5	40	156	523	375		BLUE HILLS	C	I		C-1	SEA (73)
230	BRN-14	6	0	8	2	3	1	6	0	5	7	38	156	196	28		BLUE HILLS	C	I		C-1	SEA (17)
202	FRA-03	6	1	3	4	3	4	4	10	8	5	48	155	14	8		FRAMINGHAM	C	I		C-1	SEA (48)
233	NED-01	8	6	2	2	7	3	1	0	2	6.5	37.5	154	493	37		NEWTON		I		A-2	SEA (268)
207	ASH-13	8	2	1	6	3	3	6	0	8	9	46	154	22	9	Metro. Av.	FRAMINGHAM	P	I		C-1	SEA (205)
226	FRA-13	6	4	5	2	2	2	3	4	8	6	42	152	103	54		FRAMINGHAM	C	I		B-2	SEA (49)
218	WAK-04	5.5	2	2	2	3	2	9	0	5	9	39.5	151	128	62		READING		I		C-1	ERT

TABLE 4-6 (Continued)

TIER I SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
215	WNC-02	3	2	2	2	2	5	9	3	6	7.5	41.5	148	234	45		LEXINGTON		1		C-1	ERT
211	WLT-11	3	1	3	3	2	6.5	5	9	7.5	5	45	148	74	74		LEXINGTON		1		C-1	ERT
210	RAN-02	7.5	3	2.5	4	I	5	5	2	8.5	7	45.5	147	66	45		BLUE HILLS		1		C-1	ERT
227	WLT-06	4.5	6	2	2	6	4	3	9	4	2	42.5	147	163	32		NATICK		1		C-1	SEA (289)
235	RED-04	6.5	4	3	4.5	3	5	I	0	4.5	7.5	39	145	274	153		WILMINGTON		1		B-2	ERT
200	MEL-05	6	1	2	5	I	5	10	2	8.5	6.5	47	144	65	51	PnBrkPrk	BOSTON NORTH		I		A-2	ERT
237	FRA-01	6	5	2	1	6	1	0	7.5	4	4.5	37	143	940	45	CochStPk	FRAMINGHAM	P	I		A-1	SEA (244)
217	STO-01	6	2	2	8	3	5	4	2	8	6	46	143	27	16		NORWOOD	C	I		C-1	SEA (81)
225	ASH-23	6	3	1	I	4	0	10	4	2	7	38	143	646	375	1nd Brook	MARLBOROUGH	P	I		A-1	SEA (204)
223	LEX-05	5	I	1	5	3	6	5	2	8	7	43	142	107	63		LEXINGTON		I		C-1	ERT
228	MED-07	3	3	0	6	7	0	10	4	0	6	39	142	3158	2233	Mdlsx Res	BOSTON NORTH	P	I		A-1	SEA (255)
229	BEL-05	8	4	2	3	2	4	6	0	4.5	7	40.5	140	82	55		LEXINGTON		I		A-2	ERT
232	WAK-03	3	3	1	1	4	5	7	4	6	5	39	139	598	508	Brkhrt Rs	BOSTON NORTH	P	I		A-1	SEA (281)
224	BEL-03	7	4	2	6	4	4	5	2	8	3	45	135	19	13	Bv Br Res	LEXINGTON	P	I		A-I	SEA (220)
234	WLT-09	5.5	3	1	0	2	5.5	5	6	7	4	39	127	132	105		LEXINGTON		I		A-2	ERT
236	WEL-02	7	2	0	3	3	5	4	2	7	5.5	38.5	124	125	100	WellslyCC	NATICK		I		B-2	ERT
238	WOB-12	4	2	2	2	3	0	2	5	2	7	29	119	460	190		LEXINGTON		I		A-2	ERT

TABLE 4-7

INITIAL INLAND COMPOSTING SITE SUITABILITY RANKING

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
3	WIL-08	5	8	10	8	5	6	8	6	7	10	73	249	79	39		WILMINGTON	C	1	C	B-3	SEA (111)
13	WIL-09	7	7	5	8	5	6	10	4	8	10	70	222	118	46		WILMINGTON	C	I	C	C-1	SEA (503)
50	WIL-11	6	9	9	8	7	5	4	0	7	8	63	220	119	28		WILMINGTON	C	1	A	C-1	SEA (113)
28	STO-06	4	5	8.5	8	5	5	10	4	7	8	64.5	216	187	90		BLUE HILLS	C	1	B	C-1	SEA (79)
16	WLP-07	6	5	5.5	7	3	7	10	10	9	8	70.5	215	46	39		NORWOOD	C	1	A	C-1	SEA (85)
33	BUR-03	6	7	8	7	4	5	8	4	8	8	65	212	259	102		LEXINGTON	C	1	A	C-1	SEA (24)
35	WES-02	5	7	6	7	6	6	8	4	7	8	64	212	131	111		NORWOOD	C	1	A	C-1	SEA (95)
23	ASH-22	6	6	3	3	4	6	10	10	8	9.5	65.5	211	125	125		HOLLISTON	C	1	A	C-1	SEA (523)
54	WES-01	4	4	6	10	8	8	3	10	7	5	65	211	88	88		NORWOOD	C	1	D	C-1	SEA (96)
30	WLP-13	7	4	5	5	5	6	10	4	8	9.5	63.5	210	291	240		MEDFIELD	C	I	B	C-1	SEA (509)
47	FRA-12	6	9	9	6	5	2	8	4	8	6	63	209	82	56		FRAMINGHAM	C	I	A	C-1	SEA (46)
34	CAN-14	4	6	9	8	3	6	10	4	6	8	64	209	79	42		BLUE HILLS	P	I	A	C-1	SEA (31)
77	WLP-14	4	6	8	6	6	4	7	0	6	10	57	208	616	90		WRENTHAM	C	I	A	C-1	SEA (89)
27	HLB-11	9	5	5	5	4	5	10	4	7	10	64	207	108	93		WEYMOUTH	C	I	A	C-1	SEA (515)
82	NOR-03	4	5	8	0	4	5	6	8	8	8	56	205	50	46		NORWOOD	C	I		C-1	SEA (535)
67	HLB-10	7	3	7	6	5	5	4	8	8	8	61	205	105	33		BLUE HILLS	C	I	A	C-1	SEA (61)
71	BRN-07	5	8	8.5	8	6	4	6	2	8	6	61.5	205	31	26		WEYMOUTH	C	I	B	B-3	SEA (19)
78	WIL-07	6	7	7	8	6	5	4	0	8	9	60	204	152	53		WILMINGTON	C	I		C-1	SEA (109)
26	ASH-20	8	5	5	7	4	8	10	4	7	8	66	204	187	182		FRAMINGHAM	C	I	A	A-2	SEA (544)
79	BUR-02	1	6	8	6	6	6	10	2	3	8	56	204	65	49		LEXINGTON	C	I		C-1	SEA (26)
74	WEY-09	7	7	6	6	4	7	3	4	10	8	62	200	56	31		WEYMOUTH	C	1	B	B-2	SEA (102)
65	WOB-08	4	10	6	10	6	6	8	2	0	8	60	199	132	68		WILMINGTON	C	1	D	B-3	SEA (118)
59	WEY-15	4	8	4	8	5	8	7	4	7	8	63	199	1410	50	Wym ArStn	WEYMOUTH	P	I	D	B-2	SEA (293)
76	FRA-10	5	3	5	6	5	8	4	10	8	7	61	198	37	26		FRAMINGHAM	C	I	A	C-1	SEA (45)
46	NOR-04	6	3	5	6	5	6	10	8	8	6	63	198	75	50		NORWOOD	C	I	B	C-1	SEA (536)
91	LEX-02	6	8	9	9	5	6	4	0	7	6	60	197	76	43		CONCORD	C	I		C-1	SEA (66)
49	HLB-13	7	6	4	4	3	6	10	4	7	10	61	196	343	254		WEYMOUTH	C	I	A	C-1	SEA (514)
89	STO-05	2	6	9	6	4	8	10	0	2	8	55	196	382	90		BLUE HILLS	C	I	B	C-1	SEA (526)
56	WLP-08	8	2	4	5	4	6	10	4	7	10	60	195	105	93	MCI Walpl	WRENTHAM	P	I	A	C-1	SEA (282)
86	BRN-08	7	6	6	4	5	5	7	2	7	8	57	194	34	28		WEYMOUTH	C	I		B-2	SEA (21)
83	WEY-13	3	9	5	4	4	7	8	2	8	8	58	193	130	93		WEYMOUTH	C	I		B-2	SEA (105)
61	LEX-10	5.5	3.5	4	8	4.5	3	10	7	7.5	8.5	61.5	192	84	54		CONCORD	C	I	B	A-2	ERT
95	STO-08	7	5	4.5	1	6	5	10	2	3	9	52.5	191	534	382		BROCKTON		I		B-2	SEA (521)
94	NAT-02	5	8	5	7	6	3	6	2	10	7	59	191	31	26		FRAMINGHAM	C	I	B	B-2	SEA (68)
108	ASH-18	5	4	5	0	6	6	8	4	8	7	53	191	130	126		FRAMINGHAM	C	I	A	C-1	SEA (7)
80	NAT-08	6	3	4	2	4	5	10	6	6	9.5	55.5	190	113	61		NATICK	C	I	B	C-1	SEA (508)
60	MAL-01	4	8	4	7	4	7	10	5	10	5	64	189	47	42	RoweQury	BOSTON NORTH	C	I	D	B-2	ERT
64	NOR-06	7	2	3	2	4	8	10	10	8	6	60	188	83	28		NORWOOD	C	I	C	C-1	SEA (537)
88	NAT-06	6	4	5	6	5	6	8	4	7	7	58	188	65	57		NATICK	C	I	A	C-1	SEA (507)
128	HLB-12	6	7	5	3	6	4	4	2	8	8	53	187	139	109		BROCKTON	C	I	A	B-2	SEA (62)
81	WOB-11	3	5	5	10	4	7	8	4	7	7.5	60.5	186	89	75		WILMINGTON		I		B-2	ERT
92	REV-07	5	7	3.5	4	5	2.5	8	6	10	7	58	186	32	31		LYNN		I		B-2	ERT
52	BED-09	7	4	3	8	2	6	10	4	9	10	63	186	124	96	Spring St	BILLERICA	P	I	A	C-1	SEA (214)
101	STO-04	4	3	4	2	4	5	10	6	8	8	54	182	114	86		BLUE HILLS	C	I	A	B-2	SEA (525)
48	STN-02	6	4	2	10	3	6	10	10	8.5	6.5	66	182	35	35	BearHl GC	BOSTON NORTH		I	D	B-2	ERT
117	WEY-12	6	5	6	6	4	6	6	0	8	8	55	181	89	32		WEYMOUTH	C	I		B-2	SEA (97)
72	WOB-10	6	6	4	8	3	6	10	4	7.5	7	61.5	181	169	125	WhispHill	LEXINGTON		I		C-1	ERT
123	WLP-11	7	4	5	2	4	5	6	4	8	8	53	181	103	89		NORWOOD	C	I		C-1	SEA (94)
136	NOR-02	6	3	5	3	6	8	6	4	7	5	53	179	128	86		NORWOOD	C	I		B-2	SEA (72)
110	NED-02	7	3	4.5	2	4	7	7	8	6	6	54.5	179	117	117		NATICK	C	I	A	C-1	SEA (505)
70	STN-01	5.5	3.5	3	9	3	6	10	8.5	8.5	6	63	178	82	46	GolfCours	BOSTON NORTH		I	D	B-2	ERT
100	NAT-07	8	3	4	4	3	6	8	4	6	9	55	178	224	222		NATICK	C	I	A	B-2	SEA (504)
133	BED-10	6	5	3	2	4	6	6	4	5	10	51	177	183	151		CONCORD	C	I		C-1	SEA (502)
84	ARL-01	7	4	2.5	10	5	7	8	4	8	6	61.5	177	27	27		LEXINGTON	p	I		A-2	ERT
174	WLP-10	4	4	6	2	4	5	4	2	8	9	48	176	124	53		MEDFIELD	C	I		C-1	SEA (88)

TABLE 4-7 (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
102	WLP-15	8	2	4	5	2	6	7.5	4	7	10	55.5	176	589	504		MEDFIELD	C	I		C-1	SEA (510)
132	ASH-10	4	5	6	6	4	3	8	4	8	6	54	174	65	59		FRAMINGHAM	C	I		B-2	SEA (5)
99	NAT-05	7	3	3	4	2	6	10	4	6	10	55	174	74	72		NATICK	C	1	A	B-2	SEA (506)
156	WIL-10	6	1	5	4	5	6	6	4	7	7	51	174	110	94		WILMINGTON	C	I		C-1	SEA (504)
93	WLP-12	9	2	5	7	2	5	10	2	8	8	58	173	212	200		NORWOOD	C	1		C-1	SEA (534)
113	CAN-17	2	6	5	6	2	6	10	2	8	8	55	173	445	195		BLUE HILLS	P	I	B	C-1	SEA (545)
149	FRA-16	4	5	3	4	5	5	6	4	10	7	53	173	171	74	MCI Frmh	FRAMINGHAM	P	1		B-2	SEA (249)
114	LEX-09	5.5	6.5	2	2	4.5	3	10	6	7	7	53.5	172	32	32	FiskeHill	CONCORD		1		A-1	ERT
146	RED-03	5	6	4	6	4	5	6	2	7	8	53	171	172	98	Cmp CrtGu	READING	P	I		B-2	SEA (274)
125	LEX-04	8	4	3.5	8	6	6	7	0	7	6	55.5	171	225	151		LEXINGTON	C	I		B-2	SEA (501)
112	BRN-13	6	6	5	6	2	3	10	2	7	8	55	170	145	63		WEYMOUTH	C	1		C-1	SEA (517)
134	DED-03	5	6	3	1	5	6	10	4	7	5	52	170	149	60		NEWTON	C	1	A	C-1	SEA (41)
107	HLB-09	8	3	4	4	2	5	10	4	7	8	55	170	50	33		BLUE HILLS	C	I	B	C-1	SEA (529)
153	STO-07	7	5	3	2	4	5	7	5	4	8	50	168	204	138		BROCKTON		I		A-2	SEA (522)
104	CAN-12	5	6	0	4	3	7	10	6	5	9	55	168	123	123		BLUE HILLS	P	I	A	B-2	SEA (531)
143	WES-04	5	4	4	6	4	4	10	0	7	8	52	167	322	43		NORWOOD	C	I		C-1	SEA (546)
124	BOS-21	6	4	2	8	5	7	7	2	10	6	57	167	150	110	Bs St Hsp	BOSTON SOUTH	P	I		B-3	SEA (222)
170	NOR-05	7	3	7	6	4	4	6	0	8	6	51	167	159	41		NORWOOD	C	I		C-1	SEA (70)
155	BRN-12	8	4	5	4	3	2	6	6	7	7	52	167	206	90		BLUE HILLS	C	I	A	C-1	SEA (530)
140	BEL-07	5	2	1	7	5	5.5	7	5	8.5	8	54	166	107	82	BelmontCC	LEXINGTON		I		B-2	ERT
163	CAN-16	8	5	3	4	5	5	4	5	7	6	52	166	186	153		BLUE HILLS		I	A	C-1	SEA (228)
144	STO-03	8	3	3	0	3	6	10	2	7	8	50	165	48	34		BLUE HILLS	C	I		C-1	SEA (524)
129	MEL-06	7	3	3	7	3	4	6	7	9	7	56	165	98	88	GolfCours	BOSTON NORTH		I		B-2	ERT
162	MIL-01	7	3	2	4	5	4	7	4	6	8	50	164	449	302		BLUE HILLS	P	I		A-1	SEA (533)
118	WES-03	7	2	3	6	2	5	10	4	8	8	55	163	126	45		NORWOOD	C	I		C-1	SEA (538)
181	WEY-14	5	2	2	2	4	7	5	6	7	8	48	161	120	71		WEYMOUTH	C	I		C-1	SEA (518)
169	RED-02	5	2	4	7	3	8	6	2	6	8	51	161	75	60		READING	C	I		C-1	SEA (513)
116	HLB-08	9	1	2	4	2	6	10	6	6	8	54	161	26	26		BLUE HILLS	C	I	A	B-2	SEA (528)
182	NED-07	5	2	3	0	4.5	6	10	2	3	8.5	44	161	160	116		NATICK		I		A-2	ERT
137	WOB-09	7	2	3	4	2	6	10	3	7.5	8	52.5	161	60	39		LEXINGTON		I		C-1	ERT
157	ASH-08	7	4	2	5	4	4	7	6	6	7	52	160	50	37	Aikens Rd	MARLBOROUGH	P	I		C-1	SEA (203)
166	BRN-11	6	7	5	6	3	4	7	0	8	6	52	160	121	26		WEYMOUTH	C	I		B-2	SEA (20)
183	MIL-03	3	7	0	0	6	5	8	6	4	7	46	160	4200	3112	BIHls Res	BLUE HILLS	P	I		A-1	SEA (265)
130	BEL-04	6.5	2	1	6	3	7	8	7	8.5	6.5	55.5	159	89	30	WellngtHl	LEXINGTON		I		C-1	ERT
158	ASH-16	8	4	2	4	2	3	7	4	8	9.5	51.5	159	114	109		HOLLISTON	C	I		C-1	SEA (519)
199	WIL-06	1	5	6	8	6	6	6	2	3	4	47	159	63	55		WILMINGTON	C	I		B-2	SEA (116)
150	BEL-06	5	3	2	4	3	5.5	10	5	8.5	6.5	52.5	159	205	53	McLenHosp	LEXINGTON		I		A-2	ERT
206	NOR-01	6	6	6	6	6	4	3	0	4	5	46	158	144	28		NORWOOD	C	I		C-1	SEA (71)
164	ASH-12	8	4	2	8	3	6	3	4	8	8	54	158	50	42		HOLLISTON	C	I		C-1	SEA (520)
142	MEL-04	3	3.5	3	9	2	5	10	4	8.5	7	55	157	169	137	MtHoodMP	BOSTON NORTH		I		A-2	ERT
194	STO-02	6	4	7	7	3	5	4	2	6	5	49	156	44	33		NORWOOD	C	I		C-1	SEA (80)
196	WEY-16	3	2	2	0	4	6	8	4	7	8	44	155	82	50		WEYMOUTH	C	I		C-1	ERT
148	LEX-06	5	3	2	7	2	6	10	5	5.5	7.5	53	154	97	85	WhplHill	LEXINGTON		I		A-2	ERT
131	WAT-02	5	3	0	4	2	7.5	10	10	7	6	54.5	154	84	48	OakleyCC	NEWTON		I	B	B-2	ERT
160	BRO-02	5.5	3	2	5	2	7	7	8	7.5	6	53	154	118	118	PthmMdwCC	NEWTON		I	A	B-2	ERT
184	CAN-20	5	6	3	8	5	5	7	3	1	6	49	154	213	193		BLUE HILLS	P	I	A	C-1	ERT
175	BRO-01	5	3	2	3	2	6.5	7	7	7.5	7	50	153	65	40		NEWTON		I	B	C-1	ERT
187	BED-06	7	7	3	2	3	5	8	0	3	8	46	153	53	31		CONCORD		I		C-1	SEA (215)
204	NED-05	4.5	5	5	1	2	4.5	7	0	5.5	8.5	43	153	272	55		NATICK		I		B-3	ERT
168	BRO-03	6	2.5	1	3	2	7	7	8	7.5	7	51	152	134	123	TheCntrC	NEWTON		I	A	B-2	ERT
179	MIL-02	5	2	2	4	3	5	7	8	8	6	50	152	306	280		BLUE HILLS	C	I	A	C-1	SEA (532)
216	RAN-03	6.5	2	5	1	4	4	4	0	8.5	7	42	151	162	48		BLUE HILLS		I		C-1	ERT
201	NOR-07	4	8	5	6	4	4	4	5	7	2.5	49.5	150	108	107		NORWOOD		I		B-2	ERT
165	NEW-04	5	3	1	6	3	7	10	4	4.5	7	50.5	149	189	160	ChrlRvCC	NEWTON		I	A	B-2	ERT
209	BED-08	4	1	3.5	4	4	6	5	2	8	7	44.5	149	96	49		BILLERICA		I		C-1	SEA (217)
198	BOS-22	5	3	1	1	4	7	7	4	8	6	46	148	268	261	Frank Prk	BOSTON SOUTH	P	I		A-1	SEA (223)

TABLE 4-7 (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
195	NED-03	7	1	2	6	4	3	6	6	4.5	7.5	47	148	117	64		NEWTON		I		B-2	ERT
188	ASH-11	7	4	3	5	2	3	7	4	7	7	49	147	86	31	Howe St	MARLBOROUGH	P	1		C-1	SEA (210)
161	WNC-01	5	2	1	7	2	3	10	8	8.5	6.5	53	147	139	127	Wnchtr CC	LEXINGTON		I		B-2	ERT
178	BOS-20	6	2	0	4	3	5	7	8	10	6	51	146	66	38	BkBay Fen	BOSTON SOUTH	P	1		A-2	SEA (221)
197	NED-06	7	3	1.5	1	2	5.5	7	2	7	9	45	146	79	51		NATICK		1		C-1	ERT
230	BRN-14	6	0	8	2	3	1	6	0	5	7	38	145	196	28		BLUE HILLS	C	1		C-1	SEA (17)
221	QUI-08	2	4	3	0	5	5	7	4	5	5	40	144	523	375		BLUE HILLS	C	1		C-1	SEA (73)
212	ASH-17	8	5	3	6	3	1	3	5	3	7.5	44.5	140	425	180	Ash St Pk	HOLLISTON	P	1		A-1	SEA (206)
211	WLT-11	3	1	3	3	2	6.5	5	9	7.5	5	45	140	74	74		LEXINGTON		I		C-1	ERT
226	FRA-13	6	4	5	2	2	2	3	4	8	6	42	139	103	54		FRAMINGHAM	C	1		B-2	SEA (49)
233	NED-01	8	6	2	2	7	3	1	0	2	6.5	37.5	139	493	37		NEWTON		I		A-2	SEA (268)
227	WLT-06	4.5	6	2	2	6	4	3	9	4	2	42.5	139	163	32		NATICK		I		C-1	SEA (289)
218	WAK-04	5.5	2	2	2	3	2	9	0	5	9	39.5	136	128	62		READING		1		C-1	ERT
215	WNC-02	3	2	2	2	2	5	9	3	6	7.5	41.5	135	234	45		LEXINGTON		I		C-1	ERT
210	RAN-02	7.5	3	2.5	4	1	5	5	2	8.5	7	45.5	134	66	45		BLUE HILLS		I		C-1	ERT
200	MEL-05	6	1	2	5	1	5	10	2	8.5	6.5	47	133	65	51	PnBrkPrk	BOSTON NORTH		I		A-2	ERT
237	FRA-01	6	5	2	1	6	1	0	7.5	4	4.5	37	132	940	45	CochStPk	FRAMINGHAM	P	1		A-1	SEA (244)
223	LEX-05	5	1	1	5	3	6	5	2	8	7	43	131	107	63		LEXINGTON		1		C-1	ERT
228	MED-07	3	3	0	6	7	0	10	4	0	6	39	130	3158	2233	Mdlsx Res	BOSTON NORTH	P	1		A-1	SEA (255)
235	RED-04	6.5	4	3	4.5	3	5	1	0	4.5	7.5	39	130	274	153		WILMINGTON		I		B-2	ERT
225	ASH-23	6	3	1	1	4	0	10	4	2	7	38	129	646	375	Ind Brook	MARLBOROUGH	P	1		A-1	SEA (204)
232	WAK-03	3	3	1	1	4	5	7	4	6	5	39	128	598	508	Brkhrt Rs	BOSTON NORTH	P	1		A-1	SEA (281)
229	BEL-05	8	4	2	3	2	4	6	0	4.5	7	40.5	126	82	55		LEXINGTON		1		A-2	ERT
234	WLT-09	5.5	3	1	0	2	5.5	5	6	7	4	39	118	132	105		LEXINGTON		I		A-2	ERT
236	WEL-02	7	2	0	3	3	5	4	2	7	5.5	38.5	114	125	100	WellslyCC	NATICK		1		B-2	ERT
238	WOB-12	4	2	2	2	3	0	2	5	2	7	29	107	460	190		LEXINGTON		I		A-2	ERT

TABLE 4-8

INITIAL INLAND COMPOSTING AND COMBUSTION SITE SUITABILITY RANKING

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
3	WIL-08	5	8	10	8	5	6	8	6	7	10	73	271	79	39		WILMINGTON	C	I	C	B-3	SEA (111)
13	WIL-09	7	7	5	8	5	6	10	4	8	10	70	244	118	46		WILMINGTON	C	1	C	C-1	SEA (503)
28	STO-06	4	5	8.5	8	5	5	10	4	7	8	64.5	232	187	90		BLUE HILLS	C	I	B	C-1	SEA (79)
16	WLP-07	6	5	5.5	7	3	7	10	10	9	8	70.5	232	46	39		NORWOOD	C	I	A	C-1	SEA (85)
23	ASH-22	6	6	3	3	4	6	10	10	8	9.5	55.5	230	125	125		HOLLISTON	C	I	A	C-1	SEA (523)
35	WES-02	5	7	6	7	6	6	8	4	7	8	64	230	131	111		NORWOOD	C	I	A	C-1	SEA (95)
33	BUR-03	6	7	8	7	4	5	8	4	8	8	65	230	259	102		LEXINGTON	C	I	A	C-1	SEA (24)
77	WLP-14	4	6	8	6	6	4	7	0	6	10	57	229	616	90		WRENTHAM	C	1	A	C-1	SEA (89)
30	WLP-13	7	4	5	5	5	6	10	4	8	9.5	63.5	228	291	240		MEDFIELD	C	I	B	C-1	SEA (509)
27	HLB-11	9	5	5	5	4	5	10	4	7	10	64	227	108	93		WEYMOUTH	C	1	A	C-1	SEA (515)
34	CAN-14	4	6	9	8	3	6	10	4	6	8	64	226	79	42		BLUE HILLS	P	I	A	C-1	SEA (31)
47	FRA-12	6	9	9	6	5	2	8	4	8	6	63	226	82	56		FRAMINGHAM	C	I	A	C-1	SEA (46)
78	WIL-07	6	7	7	8	6	5	4	0	8	9	60	224	152	53		WILMINGTON	C	1		C-1	SEA (109)
82	NOR-03	4	5	8	0	4	5	6	8	8	8	56	222	50	46		NORWOOD	C	I		C-1	SEA (535)
54	WES-01	4	4	6	10	8	8	3	10	7	5	65	222	88	88		NORWOOD	C	I	D	C-1	SEA (96)
79	BUR-02	1	6	8	6	6	6	10	2	3	8	56	221	65	49		LEXINGTON	C	I		C-1	SEA (26)
26	ASH-20	8	5	5	7	4	8	10	4	7	8	66	221	187	182		FRAMINGHAM	C	I	A	A-2	SEA (544)
65	WOB-08	4	10	6	10	6	6	8	2	0	8	60	220	132	68		WILMINGTON	C	I	D	B-3	SEA (118)
67	HLB-10	7	3	7	6	5	5	4	8	8	8	61	220	105	33		BLUE HILLS	C	I	A	C-1	SEA (61)
74	WEY-09	7	7	6	6	4	7	3	4	10	8	62	218	56	31		WEYMOUTH	C	I	B	B-2	SEA (102)
59	WEY-15	4	8	4	8	5	8	7	4	7	8	63	218	1410	50	Wym ArStn	WEYMOUTH	P	I	D	B-2	SEA (293)
49	HLB-13	7	6	4	4	3	6	10	4	7	10	61	217	343	254		WEYMOUTH	C	I	A	C-1	SEA (514)
89	STO-05	2	6	9	6	4	8	10	0	2	8	55	214	382	90		BLUE HILLS	C	I	B	C-1	SEA (526)
91	LEX-02	6	8	9	9	5	6	4	0	7	6	60	213	76	43		CONCORD	C	I		C-1	SEA (66)
83	WEY-13	3	9	5	4	4	7	8	2	8	8	58	213	130	93		WEYMOUTH	C	I		B-2	SEA (105)
56	WLP-08	8	2	4	5	4	6	10	4	7	10	60	212	105	93	MCI Walpl	WRENTHAM	P	I	A	C-1	SEA (282)
95	STO-08	7	5	4.5	1	6	5	10	2	3	9	52.5	209	534	382		BROCKTON		I		B-2	SEA (521)
46	NOR-04	6	3	5	6	5	6	10	8	8	6	63	209	75	50		NORWOOD	C	I	B	C-1	SEA (536)
61	LEX-10	5.5	3.5	4	8	4.5	3	10	7	7.5	8.5	61.5	208	84	54		CONCORD	C	I	B	A-2	ERT
80	NAT-08	6	3	4	2	4	5	10	6	6	9.5	55.5	207	113	61		NATICK	C	I	B	C-1	SEA (508)
128	HLB-12	6	7	5	3	6	4	4	2	8	8	53	205	139	109		BROCKTON	C	I	A	B-2	SEA (62)
108	ASH-18	5	4	5	0	6	6	8	4	8	7	53	205	130	126		FRAMINGHAM	C	I	A	C-1	SEA (7)
52	BED-09	7	4	3	8	2	6	10	4	9	10	63	204	124	96	Spring St	BILLERICA	P	I	A	C-1	SEA (214)
60	MAL-01	4	8	4	7	4	7	10	5	10	5	64	203	47	42	RoweQury	BOSTON NORTH	C	I	D	B-2	ERT
92	REV-07	5	7	3.5	4	5	2.5	8	6	10	7	58	203	32	31		LYNN		I		B-2	ERT
81	WOB-11	3	5	5	10	4	7	8	4	7	7.5	60.5	202	89	75		WILMINGTON		I		B-2	ERT
88	NAT-06	6	4	5	6	5	6	8	4	7	7	58	202	65	57		NATICK	C	I	A	C-1	SEA (507)
117	WEY-12	6	5	6	6	4	6	6	0	8	8	55	198	89	32		WEYMOUTH	C	I		B-2	SEA (97)
72	WOB-10	6	6	4	8	3	6	10	4	7.5	7	61.5	197	169	125	WhispHill	LEXINGTON		I		C-1	ERT
133	BED-10	6	5	3	2	4	6	6	4	5	10	51	197	183	151		CONCORD	C	I		C-1	SEA (502)
101	STO-04	4	3	4	2	4	5	10	6	8	8	54	197	114	86		BLUE HILLS	C	I	A	B-2	SEA (525)
123	WLP-11	7	4	5	2	4	5	6	4	8	8	53	196	103	89		NORWOOD	C	I		C-1	SEA (94)
48	STN-02	6	4	2	10	3	6	10	10	8.5	6.5	66	195	35	35	BearHI GC	BOSTON NORTH		I	D	B-2	ERT
100	NAT-07	8	3	4	4	3	6	8	4	6	9	55	194	224	222		NATICK	C	I	A	B-2	SEA (504)
174	WLP-10	4	4	6	2	4	5	4	2	8	9	48	194	124	53		MEDFIELD	C	I		C-1	SEA (88)
102	WLP-15	8	2	4	5	2	6	7.5	4	7	10	55.5	193	589	504		MEDFIELD	C	I		C-1	SEA (510)
99	NAT-05	7	3	3	4	2	6	10	4	6	10	55	192	74	72		NATICK	C	I	A	B-2	SEA (506)
113	CAN-17	2	6	5	6	2	6	10	2	8	8	55	191	445	195		BLUE HILLS	P	I	B	C-1	SEA (545)
110	NED-02	7	3	4.5	2	4	7	7	8	6	6	54.5	191	117	117		NATICK	C	I	A	C-1	SEA (505)
70	STN-01	5.5	3.5	3	9	3	6	10	8.5	8.5	6	63	190	82	46	GolfCours	BOSTON NORTH		I	D	B-2	ERT
136	NOR-02	6	3	5	3	6	8	6	4	7	5	53	189	128	86		NORWOOD	C	I		B-2	SEA (72)
146	RED-03	5	6	4	6	4	5	6	2	7	8	53	189	172	98	Cmp CrtGu	READING	P	I		B-2	SEA (274)
114	LEX-09	5.5	6.5	2	2	4.5	3	10	6	7	7	53.5	189	32	32	FiskeHill	CONCORD		I		A-1	ERT
149	FRA-16	4	5	3	4	5	5	6	4	10	7	53	188	171	74	MCI Frmh	FRAMINGHAM	P	I		B-2	SEA (249)
132	ASH-10	4	5	6	6	4	3	8	4	8	6	54	188	65	59		FRAMINGHAM	C	I		B-2	SEA (5)

TABLE 4-8 (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
112	BRN-13	6	6	5	6	2	3	10	2	7	8	55	187	145	63		WEYMOUTH	C	I		C-1	SEA (517)
93	WLP-12	9	2	5	7	2	5	10	2	8	8	58	187	212	200		NORWOOD	C	I		C-1	SEA (534)
104	CAN-12	5	6	0	4	3	7	10	6	5	9	55	187	123	123		BLUE HILLS	P	I	A	B-2	SEA (531)
156	WIL-10	6	1	5	4	5	6	6	4	7	7	51	185	110	94		WILMINGTON	C	I		C-1	SEA (504)
107	HLB-09	8	3	4	4	2	5	10	4	7	8	55	185	50	33		BLUE HILLS	C	I	B	C-1	SEA (529)
153	STO-07	7	5	3	2	4	5	7	5	4	8	50	185	204	138		BROCKTON		1		A-2	SEA (522)
125	LEX-04	8	4	3.5	8	6	6	7	0	7	6	55.5	184	225	151		LEXINGTON	C	1		B-2	SEA (501)
134	DED-03	5	6	3	1	5	6	10	4	7	5	52	183	149	60		NEWTON	C	I	A	C-1	SEA (41)
143	WES-04	5	4	4	6	4	4	10	0	7	8	52	183	322	43		NORWOOD	C	I		C-1	SEA (546)
155	BRN-12	8	4	5	4	3	2	6	6	7	7	52	181	206	90		BLUE HILLS	C	I	A	C-1	SEA (530)
144	STO-03	8	3	3	0	3	6	10	2	7	8	50	180	48	34		BLUE HILLS	C	I		C-1	SEA (524)
124	BOS-21	6	4	2	8	5	7	7	2	10	6	57	180	150	110	Bs St Hsp	BOSTON SOUTH	P	I		B-3	SEA (222)
140	BEL-07	5	2	1	7	5	5.5	7	5	8.5	8	54	180	107	82	BelmontCC	LEXINGTON		I		B-2	ERT
163	CAN-16	8	5	3	4	5	5	4	5	7	6	52	179	186	153		BLUE HILLS		I	A	C-1	SEA (228)
170	NOR-05	7	3	7	6	4	4	6	0	8	6	51	179	159	41		NORWOOD	C	I		C-1	SEA (70)
129	MEL-06	7	3	3	7	3	4	6	7	9	7	56	179	98	88	GolfCours	BOSTON NORTH		I		B-2	ERT
162	MIL-01	7	3	2	4	5	4	7	4	6	8	50	178	449	302		BLUE HILLS	P	I		A-1	SEA (533)
118	WES-03	7	2	3	6	2	5	10	4	8	8	55	177	126	45		NORWOOD	C	I		C-1	SEA (538)
183	MIL-03	3	7	0	0	6	5	8	6	4	7	46	177	4200	3112	BlHls Res	BLUE HILLS	P	I		A-1	SEA (265)
158	ASH-16	8	4	2	4	2	3	7	4	8	9.5	51.5	177	114	109		HOLLISTON	C	I		C-1	SEA (519)
182	NED-07	5	2	3	0	4.5	6	10	2	3	8.5	44	176	160	116		NATICK		1		A-2	ERT
181	WEY-14	5	2	2	2	4	7	5	6	7	8	48	175	120	71		WEYMOUTH	C	I		C-1	SEA (518)
169	RED-02	5	2	4	7	3	8	6	2	6	8	51	175	75	60		READING	C	1		C-1	SEA (513)
137	WOB-09	7	2	3	4	2	6	10	3	7.5	8	52.5	175	60	39		LEXINGTON		I		C-1	ERT
157	ASH-08	7	4	2	5	4	4	7	6	6	7	52	175	50	37	Aikens Rd	MARLBOROUGH	P	I		C-1	SEA (203)
164	ASH-12	8	4	2	8	3	6	3	4	8	8	54	174	50	42		HOLLISTON	C	I		C-1	SEA (520)
187	BED-06	7	7	3	2	3	5	8	0	3	8	46	172	53	31		CONCORD		I		C-1	SEA (215)
150	BEL-06	5	3	2	4	3	5.5	10	5	8.5	6.5	52.5	171	205	53	McLenHosp	LEXINGTON		I		A-2	ERT
142	MEL-04	3	3.5	3	9	2	5	10	4	8.5	7	55	171	169	137	MtHoodMP	BOSTON NORTH		I		A-2	ERT
130	BEL-04	6.5	2	1	6	3	7	8	7	8.5	6.5	55.5	171	89	30	WellngtHl	LEXINGTON		I		C-1	ERT
204	NED-05	4.5	5	5	1	2	4.5	7	0	5.5	8.5	43	170	272	55		NATICK		I		B-3	ERT
199	WIL-06	1	5	6	8	6	6	6	2	3	4	47	169	63	55		WILMINGTON	C	I		B-2	SEA (116)
196	WEY-16	3	2	2	0	4	6	8	4	7	8	44	169	82	50		WEYMOUTH	C	I		C-1	ERT
148	LEX-06	5	3	2	7	2	6	10	5	5.5	7.5	53	168	97	85	WhplHill	LEXINGTON		I		A-2	ERT
184	CAN-20	5	6	3	8	5	5	7	3	1	6	49	168	213	193		BLUE HILLS	P	I	A	C-1	ERT
194	STO-02	6	4	7	7	3	5	4	2	6	5	49	167	44	33		NORWOOD	C	I		C-1	SEA (80)
175	BRO-01	5	3	2	3	2	6.5	7	7	7.5	7	50	167	65	40		NEWTON		I	B	C-1	ERT
131	WAT-02	5	3	0	4	2	7.5	10	10	7	6	54.5	166	84	48	OakleyCC	NEWTON		I	B	B-2	ERT
160	BRO-02	5.5	3	2	5	2	7	7	8	7.5	6	53	166	118	118	PthmMdwCC	NEWTON		I	A	B-2	ERT
168	BRO-03	6	2.5	1	3	2	7	7	8	7.5	7	51	165	134	123	TheCntrC	NEWTON		I	A	B-2	ERT
216	RAN-03	6.5	2	5	I	4	4	4	0	8.5	7	42	163	162	48		BLUE HILLS		I		C-1	ERT
179	MIL-02	5	2	2	4	3	5	7	8	8	6	50	163	306	280		BLUE HILLS	C	I	A	C-1	SEA (532)
165	NEW-04	5	3	I	6	3	7	10	4	4.5	7	50.5	163	189	160	ChrlRvCC	NEWTON		I	A	B-2	ERT
197	NED-06	7	3	1.5	1	2	5.5	7	2	7	9	45	162	79	51		NATICK		I		C-I	ERT
201	NOR-07	4	8	5	6	4	4	4	5	7	2.5	49.5	161	108	107		NORWOOD		I		B-2	ERT
188	ASH-1I	7	4	3	5	2	3	7	4	7	7	49	16I	86	31	Howe St	MARLBOROUGH	P	I		C-1	SEA (210)
209	BED-08	4	1	3.5	4	4	6	5	2	8	7	44.5	161	96	49		BILLERICA		I		C-1	SEA (217)
195	NED-03	7	1	2	6	4	3	6	6	4.5	7.5	47	160	117	64		NEWTON		I		B-2	ERT
198	BOS-22	5	3	1	I	4	7	7	4	8	6	46	159	268	261	Frank Prk	BOSTON SOUTH	P	I		A-1	SEA (223)
161	WNC-01	5	2	1	7	2	3	10	8	8.5	6.5	53	158	139	127	Wnchtr CC	LEXINGTON		I		B-2	ERT
178	BOS-20	6	2	0	4	3	5	7	8	10	6	51	157	66	38	BkBay Fen	BOSTON SOUTH	P	I		A-2	SEA (221)
212	ASH-17	8	5	3	6	3	1	3	5	3	7.5	44.5	156	425	180	Ash St Pk	HOLLISTON	P	I		A-1	SEA (206)
221	QUI-08	2	4	3	0	5	5	7	4	5	5	40	156	523	375		BLUE HILLS	C	I		C-1	SEA (73)
233	NED-01	8	6	2	2	7	3	I	0	2	6.5	37.5	154	493	37		NEWTON		I		A-2	SEA (268)
226	FRA-13	6	4	5	2	2	2	3	4	8	6	42	152	103	54		FRAMINGHAM	C	I		B-2	SEA (49)
218	WAK-04	5.5	2	2	2	3	2	9	0	5	9	39.5	151	128	62		READING		I		C-1	ERT

TABLE 4-8 (Continued)

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
215	WNC-02	3	2	2	2	2	5	9	3	6	7.5	41.5	148	234	45		LEXINGTON		1		C-1	ERT
211	WLT-11	3	1	3	3	2	6.5	5	9	7.5	5	45	148	74	74		LEXINGTON		I		C-1	ERT
210	RAN-02	7.5	3	2.5	4	1	5	5	2	8.5	7	45.5	147	66	45		BLUE HILLS		I		C-1	ERT
227	WLT-06	4.5	6	2	2	6	4	3	9	4	2	42.5	147	163	32		NATICK		I		C-1	SEA (289)
235	RED-04	6.5	4	3	4.5	3	5	1	0	4.5	7.5	39	145	274	153		WILMINGTON		1		B-2	ERT
200	MEL-05	6	1	2	5	1	5	10	2	8.5	6.5	47	144	65	51	PnBrkPrk	BOSTON NORTH		1		A-2	ERT
237	FRA-01	6	5	2	1	6	1	0	7.5	4	4.5	37	143	940	45	CochStPk	FRAMINGHAM	P	I		A-1	SEA (244)
225	ASH-23	6	3	1	1	4	0	10	4	2	7	38	143	646	375	1nd Brook	MARLBOROUGH	P	1		A-1	SEA (204)
223	LEX-05	5	1	1	5	3	6	5	2	8	7	43	142	107	63		LEXINGTON		I		C-1	ERT
228	MED-07	3	3	0	6	7	0	10	4	0	6	39	142	3158	2233	MdIsx Res	BOSTON NORTH	P	I		A-1	SEA (255)
229	BEL-05	8	4	2	3	2	4	6	0	4.5	7	40.5	140	82	55		LEXINGTON		I		A-2	ERT
232	WAK-03	3	3	1	1	4	5	7	4	6	5	39	139	598	508	Brkhrt Rs	BOSTON NORTH	P	I		A-1	SEA (281)
234	WLT-09	5.5	3	1	0	2	5.5	5	6	7	4	39	127	132	105		LEXINGTON		I		A-2	ERT
236	WEL-02	7	2	0	3	3	5	4	2	7	5.5	38.5	124	125	100	WellslyCC	NATICK		I		B-2	ERT
238	WOB-12	4	2	2	2	3	0	2	5	2	7	29	119	460	190		LEXINGTON		I		A-2	ERT

TABLE 4-9

INITIAL INLAND LANDFILL SITE SUITABILITY RANKING

TIER 1 SITE RANK	SITE NUMBER	ENG	NOI	LAN	CUL	TRA	SUR	GRO	WET	ECO	AIR	SCORE RAW	SCORE WGHT	TOTAL ACRES	NET ACRES	NAME	USGS QUADRANGLE	OWNER CODE	LOCATION	AVAIL STATUS	ON SITE LAND USE	SITE ORIGINATION
23	ASH-22	6	6	3	3	4	6	10	10	8	9.5	65.5	272	125	125		HOLLISTON	C	I	A	C-1	SEA (523)
26	ASH-20	8	5	5	7	4	8	10	4	7	8	66	265	187	182		FRAMINGHAM	C	I	A	A-2	SEA (544)
30	WLP-13	7	4	5	5	5	6	10	4	8	9.5	63.5	261	291	240		MEDFIELD	C	I	B	C-1	SEA (509)
33	BUR-03	6	7	8	7	4	5	8	4	8	8	65	257	259	102		LEXINGTON	C	I	A	C-1	SEA (24)
35	WES-02	5	7	6	7	6	6	8	4	7	8	64	254	131	111		NORWOOD	C	I	A	C-1	SEA (95)
49	HLB-13	7	6	4	4	3	6	10	4	7	10	61	249	343	254		WEYMOUTH	C	I	A	C-1	SEA (514)
56	WLP-08	8	2	4	5	4	6	10	4	7	10	60	249	105	93	MCI Walpl	WRENTHAM	P	I	A	C-1	SEA (282)
60	MAL-01	4	8	4	7	4	7	10	5	10	5	64	247	47	42	RoweQury	BOSTON NORTH	C	I	D	B-2	ERT
52	BED-09	7	4	3	8	2	6	10	4	9	10	63	242	124	96	Spring St	BILLERICA	P	1	A	C-1	SEA (214)
72	WOB-10	6	6	4	8	3	6	10	4	7.5	7	61.5	238	169	125	WhispHill	LEXINGTON		1		C-1	ERT
95	STO-08	7	5	4.5	1	6	5	10	2	3	9	52.5	234	534	382		BROCKTON		I		B-2	SEA (521)
110	NED-02	7	3	4.5	2	4	7	7	8	6	6	54.5	233	117	117		NATICK	C	I	A	C-1	SEA (505)
108	ASH-18	5	4	5	0	6	6	8	4	8	7	53	231	130	126		FRAMINGHAM	C	I	A	C-1	SEA (7)
93	WLP-12	9	2	5	7	2	5	10	2	8	8	58	230	212	200		NORWOOD	C	I		C-1	SEA (534)
100	NAT-07	8	3	4	4	3	6	8	4	6	9	55	226	224	222		NATICK	C	I	A	B-2	SEA (504)
104	CAN-12	5	6	0	4	3	7	10	6	5	9	55	224	123	123		BLUE HILLS	P	I	A	B-2	SEA (531)
102	WLP-15	8	2	4	5	2	6	7.5	4	7	10	55.5	223	589	504		MEDFIELD	C	I		C-1	SEA (510)
113	CAN-17	2	6	5	6	2	6	10	2	8	8	55	218	445	195		BLUE HILLS	P	I	B	C-1	SEA (545)
133	BED-10	6	5	3	2	4	6	6	4	5	10	51	211	183	151		CONCORD	C	I		C-1	SEA (502)
125	LEX-04	8	4	3.5	8	6	6	7	0	7	6	55.5	210	225	151		LEXINGTON	C	I		B-2	SEA (501)
153	STO-07	7	5	3	2	4	5	7	5	4	8	50	210	204	138		BROCKTON		I		A-2	SEA (522)
124	BOS-21	6	4	2	8	5	7	7	2	10	6	57	210	150	110	Bs St Hsp	BOSTON SOUTH	P	I		B-3	SEA (222)
160	BRO-02	5.5	3	2	5	2	7	7	8	7.5	6	53	210	118	118	PthmMdwCC	NEWTON		I	A	B-2	ERT
142	MEL-04	3	3.5	3	9	2	5	10	4	8.5	7	55	209	169	137	MtHoodMP	BOSTON NORTH		I		A-2	ERT
168	BRO-03	6	2.5	1	3	2	7	7	8	7.5	7	51	207	134	123	TheCntrC	NEWTON		I	A	B-2	ERT
128	HLB-12	6	7	5	3	6	4	4	2	8	8	53	207	139	109		BROCKTON	C	I	A	B-2	SEA (62)
161	WNC-01	5	2	1	7	2	3	10	8	8.5	6.5	53	206	139	127	Wnchtr CC	LEXINGTON		I		B-2	ERT
165	NEW-04	5	3	1	6	3	7	10	4	4.5	7	50.5	206	189	160	ChrlRvCC	NEWTON		I	A	B-2	ERT
182	NED-07	5	2	3	0	4.5	6	10	2	3	8.5	44	204	160	116		NATICK		I		A-2	ERT
162	MIL-01	7	3	2	4	5	4	7	4	6	8	50	202	449	302		BLUE HILLS	P	I		A-1	SEA (533)
163	CAN-16	8	5	3	4	5	5	4	5	7	6	52	201	186	153		BLUE HILLS		I	A	C-1	SEA (228)
179	MIL-02	5	2	2	4	3	5	7	8	8	6	50	201	306	280		BLUE HILLS	C	I	A	C-1	SEA (532)
158	ASH-16	8	4	2	4	2	3	7	4	8	9.5	51.5	199	114	109		HOLLISTON	C	I		C-1	SEA (519)
183	MIL-03	3	7	0	0	6	5	8	6	4	7	46	198	4200	3112	BlHls Res	BLUE HILLS	P	I		A-1	SEA (265)
184	CAN-20	5	6	3	8	5	5	7	3	1	6	49	193	213	193		BLUE HILLS	P	I	A	C-1	ERT
198	BOS-22	5	3	1	1	4	7	7	4	8	6	46	190	268	261	Frank Prk	BOSTON SOUTH	P	I		A-1	SEA (223)
201	NOR-07	4	8	5	6	4	4	4	5	7	2.5	49.5	184	108	107		NORWOOD		I		B-2	ERT
221	QUI-08	2	4	3	0	5	5	7	4	5	5	40	178	523	375		BLUE HILLS	C	I		C-1	SEA (73)
225	ASH-23	6	3	1	1	4	0	10	4	2	7	38	170	646	375	Ind Brook	MARLBOROUGH	P	I		A-1	SEA (204)
228	MED-07	3	3	0	6	7	0	10	4	0	6	39	166	3158	2233	Mdlsx Res	BOSTON NORTH	P	I		A-1	SEA (255)
212	ASH-17	8	5	3	6	3	1	3	5	3	7.5	44.5	166	425	180	Ash St Pk	HOLLISTON	P	I		A-1	SEA (206)
232	WAK-03	3	3	1	1	4	5	7	4	6	5	39	165	598	508	Brkhrt Rs	BOSTON NORTH	P	I		A-1	SEA (281)
234	WLT-09	5.5	3	1	0	2	5.5	5	6	7	4	39	160	132	105		LEXINGTON		I		A-2	ERT
236	WEL-02	7	2	0	3	3	5	4	2	7	5.5	38.5	145	125	100	WellslyCC	NATICK		I		B-2	ERT
235	RED-04	6.5	4	3	4.5	3	5	1	0	4.5	7.5	39	142	274	153		WILMINGTON		I		B-2	ERT
238	WOB-12	4	2	2	2	3	0	2	5	2	7	29	118	460	190		LEXINGTON		I		A-2	ERT

5. CANDIDATE OPTIONS

The Tier 2 site screening analysis produced eight separate technology-specific ordered lists based on the relative suitability of the sites to accommodate each potential RMFP component use. These ordered lists were based on the specific characteristics of the 299 candidate sites and their immediate surroundings individually, without regard for their compatibility with other sites that will be needed for a viable residuals management program. To develop the candidate options which matched sites with technologies, an additional set of criteria were needed to help interpret the site screening results and take into consideration factors such as conflicting development plans, geographical compatibility with other candidate locations, and residual system interrelationships. Using these additional criteria, a total of 12 recommended sites were selected:

- Island Processing Sites (2)
- Coastal Processing and/or Transfer Sites (2)
- Inland Processing Sites (3)
- Inland Landfill Sites (5)

These sites and pertinent characteristics are contained in Table 5-1. Appendix A contains the data capture forms that were completed for each of these sites. The Candidate Options Identification Report (Black & Veatch 1987) discusses in detail the sites and the system alternatives. As shown in Figure 5-1, the site types recommended represent a geographic cross-section of the MWRA service area and include harbor islands, coastal locations and inland locations.

TABLE 5-1
RECOMMENDED CANDIDATE SITES FOR THE MWRA RESIDUALS MANAGEMENT FACILITIES PLAN

SITE ID	COMMUNITY	LOCATION	AVAILABLE ACREAGE*	POTENTIAL USE**
ISLAND SITES				
	BOSTON	DEER ISLAND	20-30	COMPOSTING OR COMBUSTION
	BOSTON	SPECTACLE ISLAND	75	COMPOSTING AND/OR COMBUSITION
COASTAL SITES				
	LYNN	LYNN HARBOR NEAR SEWAGE TREATMENT PLANT	50	TRANSFER, COMPOSTING AND/OR COMBUSTION
	QUINCY/BRAINTREE	QUINCY SHIPYARD	150	TRANSFER, COMPOSTING AND/OR COMBUSTION
INLAND SITES				
	STOUGHTON	OFF RT. 139, 1 MILE SOUTH OF CANTON LINE	90	COMPOSTING AND/OR COMBUSTION
	WALPOLE	OFF WASHINGTON STREET NEAR NORWOOD LINE	75	COMPOSTING AND/OR COMBUSTION
	WILLMINGTON	NEAR WILMINGTON/ANDOVER LINE OFF RT. 125	50	COMPOSTING AND/OR COMBUSTION
LANDFILL SITES				
	ASHLAND	NORTHWEST OF RT. 135 NEAR HOPKINTON BORDER	290	ASH, GRIT AND SCREENINGS LANDFILL
	BEDFORD	SOUTHWEST OF RT. 3 EAST OF SPRINGS ROAD	90	ASH, GRIT AND SCREENINGS LANDFILL
	MALDEN/REVERE	QUARRY EAST OF RT. 1 NORTH OF SALEM STREET	45	ASH, GRIT AND SCREENINGS LANDFILL
	WALPOLE	ADJACENT TO MCI CEDAR JUNCTION	100	ASH, GRIT AND SCREENINGS LANDFILL
	WALPOLE	SOUTH OF RT. 109 AT MEDFIELD LINE	675	ASH, GRIT AND SCREENINGS LANDFILL

---

* Minimum area requirements:

Transfer	5 acres
Combustion only	8 acres
Composting only	25 acres
Composting and Combustion	30 acres
landfilling (one or more sites)	100 acres

** Sites to be evaluated for any one or all of the potential used noted.

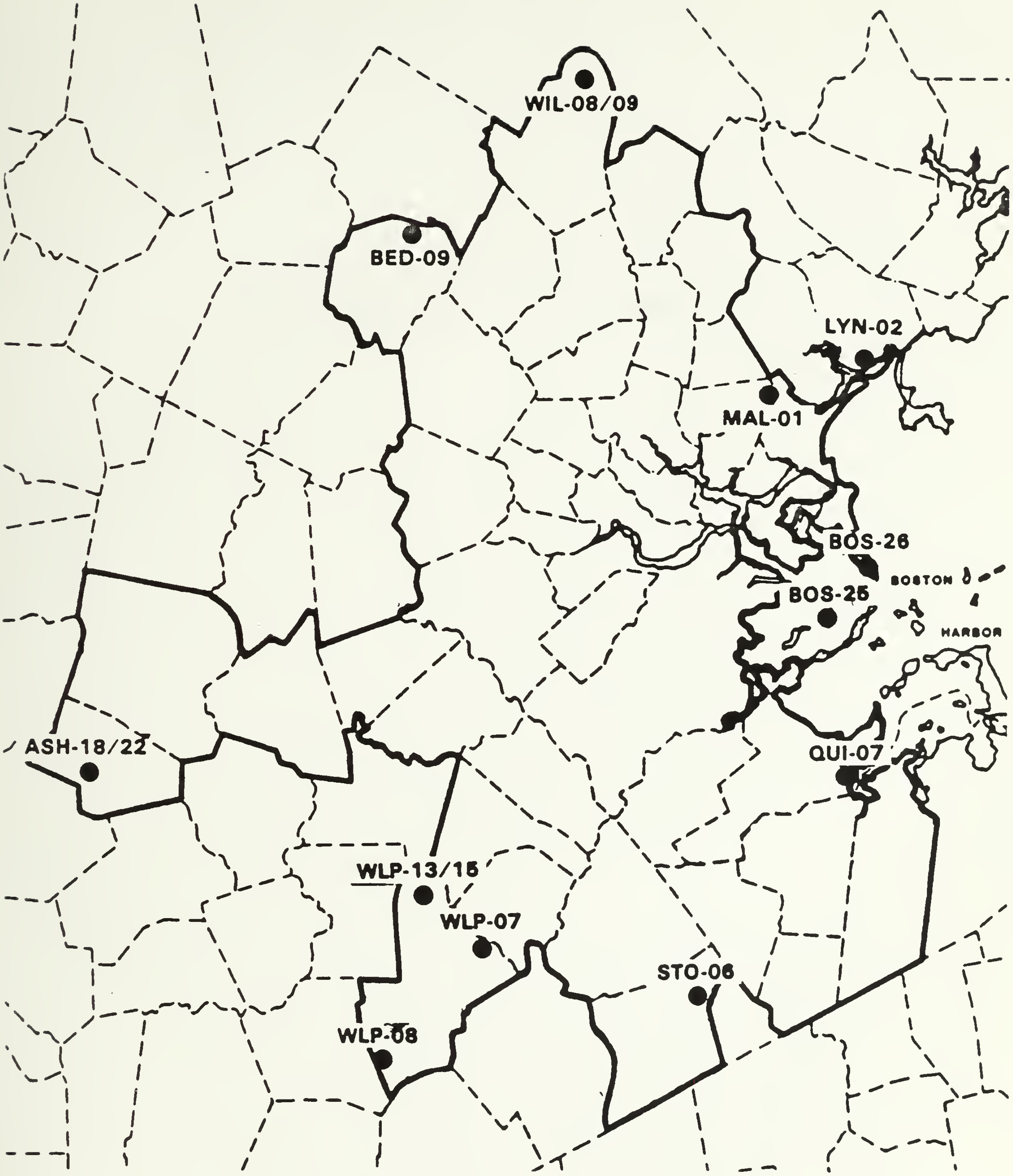


Figure 5-1 Location of Recommended Sites for the MWRA RMFP

8707066

Source ERT 1987

APPENDIX A

DATA CAPTURE FORMS FOR RECOMMENDED SITES

ASH-18

SITE DATA FILE INDEX RECORD

SITE: ASH-18

		PAGE:	QUALITY ASSURANCE REVIE
I.	Data Sources:		
	1. USGS Topo Map	1-3	✓
	2. USFWS Map	4	✓
	3. DEQE Groundwater Map	5-6	✓
	4. DEQE Waste Source Map	7	✓
	5. FEMA Flood Map	8	✓
	6. USDA/SCS Map	9	✓
	7. Natural Heritage/ Historical Society	10	✓
	8. MAPC Land Use Map	11	✓
	9. Zoning Map	12	✓
II.	Field Survey:		
	1. Data Forms	13-14	✓
	2. Photo Check List	15	✓
III.	Assessor Office Investigation:		
	1. Data Form	16	
IV.	Site Screening Criteria:		
	1. Scoring Form	17-18	✓
	Land Use Map Copy for Site	19	✓
	Miscellaneous Information Description of Site	20-21	✓

QA Performed By: JoAnn Ranslow

Date: 8/17/87

REFERENCES

SITE ID ASH-18

1. USGS Topographic Map
   Framingham, Ma
   N4215-W7122.5/7.5
   1965
   Photorevised 1979
   AMS 6768 IV SW-Series V814

2. USFWS Map
   Framingham, Ma
   Aerial Photography
   Date: 4/77
   Scale: 1:80,000
   Type: B-W

3. DEQE Groundwater Map
   MA DEQE/Division of Water Supply
   1982 Water Source and
   Aquifer Information Overlay
   Quad: Framingham, Ma

4. DEQE Waste Source Map
   MA DEQE/Division of Water Supply
   1982 Waste Source and
   Drainage Basin Overlay
   Quad: Framingham, Ma

5. FEMA Flood Map
   Flood Insurance Rate Map
   Town of Framingham, Ma
   Middlesex County
   Map Index and Panels 4, 5, 6, 7, 8, 9, 11
   November 19, 1986

6. USDA/SCS Map
   United States Department of Agriculture
   1987 Soils Conservation Service Soil Survey
   Middlesex County

Performed By: J. Ransl
Date: 8/17/8

REFERENCES CONTINUED
SITE ID ASH-18

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Ashland
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Ashland
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Framingham, Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Town Of Framingham, Ma
Fred W. Sergeant P.E. Town Engi.
Dated: February 1941
Revised: Jan 1984

Performed By: J. Rand
Date: 8/17/8

MWRA Map-Level Analysis

Site #: ASH-16

Date: 12-09-86 Analyst: L Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Framingham, MA

Site Area (acres): ~~[illegible]~~ 130 DN

Site Dimensions (m): Length: 800 Width: 1200

Site Location: UTMx: 4691.2 UTMy: 295.5 UTMz: 300

Site Elevation (ft): Min: 200 Max: 340

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: [✓ N] S E W N E

Utilities On-site: [✓ Yes] No Describe: Pipeline across southern end of site

Comments:

Air Quality

Highest Terrain (3 km radius): 430

Greater than 5 peaks 100 ft. above site elevation: [✓ Yes] No

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	15
Commercial/Industrial	5.0
Other	80

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	X	X
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: ASH-18

Date: 12-09-86 Analyst: L Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 135 Distance from site(km): .1

Second. Road Name: Park st. Travel Distance(km): .4

Second. Road Name: unnamed Travel Distance(km): .5

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 3 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name: ____________ Approx. Width: ______ Depth: ______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance: _____

Comments:

Railroad tracks border site to the north

Sensitive Receptors (3km.) ~~[illegible]~~

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Ashland High Sch.	1600	E
Sch.	1500	E
Playground	1000	E
church (2)	1200	E
Ashland Jr. High Sch.	600	S
~~Comments:~~ Ashland State Park	1000	S
Hopkinton state Park	1000	W

Missing small portion of analysis off Milford Quad - to the west

MWRA Map-Level Analysis Site #: ASH-15

Date: 1209-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: SU29

Standing Water On-site %: 5

Distance to nearest surface water (km): <.1

Identity of Surface Water: Name/Description Classification(310 CMR)

Sudbury River
Ashland Reservoir
Cold Spring Brook

10 unnamed ponds

Comments:

MWRA Map-Level Analysis Site Location: ASHLAND Site #: ASH-18

Date: 11/7/86 Analyst: DRN

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
2	PFO1
1	$P\frac{SS1}{EM}$

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
2	0-50	PFO1
2	1300	PFO1
7	1000-1200	PFO1
7	1200	PFO1
4	1400-1600	$P\frac{FO}{SS}1$
10	400-700	POW
18	800-1400	PFO1
33	1000-1400	PFO1
8	400-700	PFO1
3	1400	PFO1
8	1000-1200	PFO1
6	1400	PFO1
9	900	$P\frac{SS1}{EM}$
28	300-1200	PFO1, $P\frac{SS1}{OW}$

Comments

MANY SMALLER WETLANDS AS WELL OFF-SITE

Acreage –
on site: 3.00
offsite: 145.00

MWRA Map-Level Analysis Site Location: ASHLAND Site #: ASH-18

Date: 10/28/86 Analyst: S. CHRISTIAN

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
M1	100-300	18
L1	<100	35
LL1	till + bedrock	45

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
301 H - contaminated	<100	
302 H - contaminated		

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
M1	100-300	15
L1	<100	10
LL1	till + bedrock	75

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
303H - Contaminated (Emergency use only)	100-300	200	W	

Comments:

MWRA Map-Level Analysis Site Location: ASHLAND Site #: ASH-15

Date: 10/24/86 Analyst: S.CHRISTIAN

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name		Type/Use	Distance to Boundry (m)
ASHLAND RESERVOIR	310K	MDC RESERVE OR ABANDONED RESERVOIR	1,375

Comments:

MWRA Map-Level Analysis   Site Location: ASHLAND   Site #: ASH-18

Date: 11/5/86 Analyst: SBC

DEQE WASTE SOURCE MAP

Waste Sources

On-site: [✓ Yes] No

List: 003A Hazardous waste site
001A Surface impoundment and hazardous waste site

Off-site: [✓ Yes] No

List:

	automobile junkyard	150 m N
003A	salt storage shed	0 m N
004B	Hazardous waste site	1000m E
001C	Closed land fill	1250 m W
3000973	minor discharge	1250 m ESE

Comments:

MWRA Map-Level Analysis Site Location: Ashland Site #: ASH-18

Date: 1/5/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: 100

Comments:

MWRA Map-Level Analysis Site Location: Ashland Site #: ASH-18

Date: 12/11/86 Analyst: L. Newman

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
120-B,C - 2		50	
123 B,C,C - 0		15	
34 - [illegible]		10	
82 - [illegible]		15	
99 - [illegible]		10	

Comments:

52 - [illegible]		5	

2

MWRA Map-Level Analysis Site Location: Ashland Site #: ASH-18

Date: 11/21/86 Analyst: DanNeal/L Day

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna	1	1		

Historical

Number On-site: 1

Number Off-site(1 km): 16

Comments (describe if possible)

B WARBLER

WRA Map-Level Analysis Site Location: ASHLAND Site #: ASH-13

Date: 12/10/90 Analyst: SBC

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
10	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
75	FOREST
	AGRICULTURAL
10	WATER
5	FRESH WETLAND

Off-site(1 km):

Percent Coverage	Category
10	INDUSTRIAL
	COMMERCIAL
10	RESIDENTIAL
5	OPEN/REC
65	FOREST
5	AGRICULTURAL
5	WATER
5	FRESH WETLAND
5	TRANSPORTATION

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Ashland Site #: Ash-15

Date: 11/27 Analyst: PHadell

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
100	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
8	INDUSTRIAL
10	COMMERCIAL
82	RESIDENTIAL
	OTHER

Comments

Site is abutted by @100 meter wide industrially zoned strip to north, which is abutted by residentially zoned lands further north. Small commercial zone abuts to east. To west and south and southeast, residential lands abut.

MWRA Field Survey

Site #: ASH-3

Date: 12-05-86 Time: 1200 Survey Team: Day Freeman

On-site Land Use (describe)

Northern side open vacant land Topography — Hilly

Southern side [illegible] industrial area - couldn't get on site

S-E - open woodland

Abutting Land Use (describe)

Railroad - North side of site - along Front St - industrial/ bussiness. Residential mixed in

N-W corner - Little League baseball field & residential

Eastern side — heavy industrial zone

South/east - Ashland Jr High - cleared land - around field includes outdoor track/football field/grounds

Sensitive Receptors (additional)

Little League Field at NW corner off site (<.1)

<.1 km N - Latter day Saints Christian Church School

MWRA Field Survey Site #: A4-13

Date: 12-05-86 Time: 1000 Survey Team: Day Freeman

Noise

General Environment: [✓ Quiet] Noisy Very Noisy

Sources (list):	Description	Approx. Distance
	some traffic noise Pleasant St.	<.1
	Some air traffic very distant and inconsistant	

General Comments

Include buffers, transportation, water resources etc. Use reverse sic
if necessary. Focus on aspects of site not found on data sheets.

Buffers: Railroad-(N) - industrial/residential on opposite side
Eastern ~~[illegible]~~ [illegible] industrial.
western - open undeveloped land scattered residential
zone.

Primary: 135 - 2 lanes - mod → heavy traffic

secondary: Cherry St (N) (.5 km) 2 lanes -
little traffic - residential
Pleasant st (W) 2 lanes industrial/residential

Railroad - commuter rail runs along N end of site.

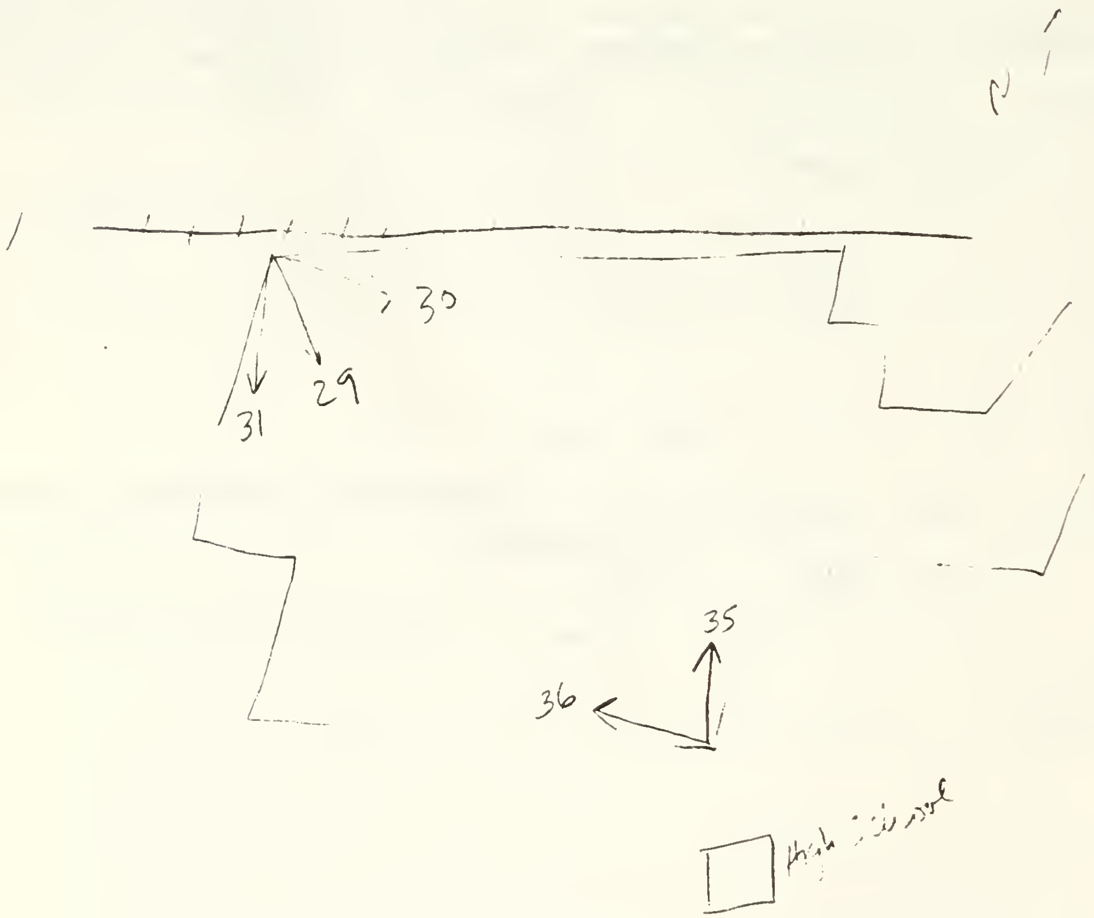
MWRA Field Survey Site Location: Ashland Site #: 12

Date: 12/5/86 Time: 10 AM Survey Team: Freeman / Day

PHOTO CHECK LIST

Roll #	Picture #	Description
5	29	SE (150°) into site from High St RR overpass:
	30	Easterly (95°) along RR (N boundary) from RR overpass
	31	South (15 into site from High St RR overpass
	35	NNE from Ashland HS
	36	NW from Ashland HS
	(37? repeat #36)	

Comments:

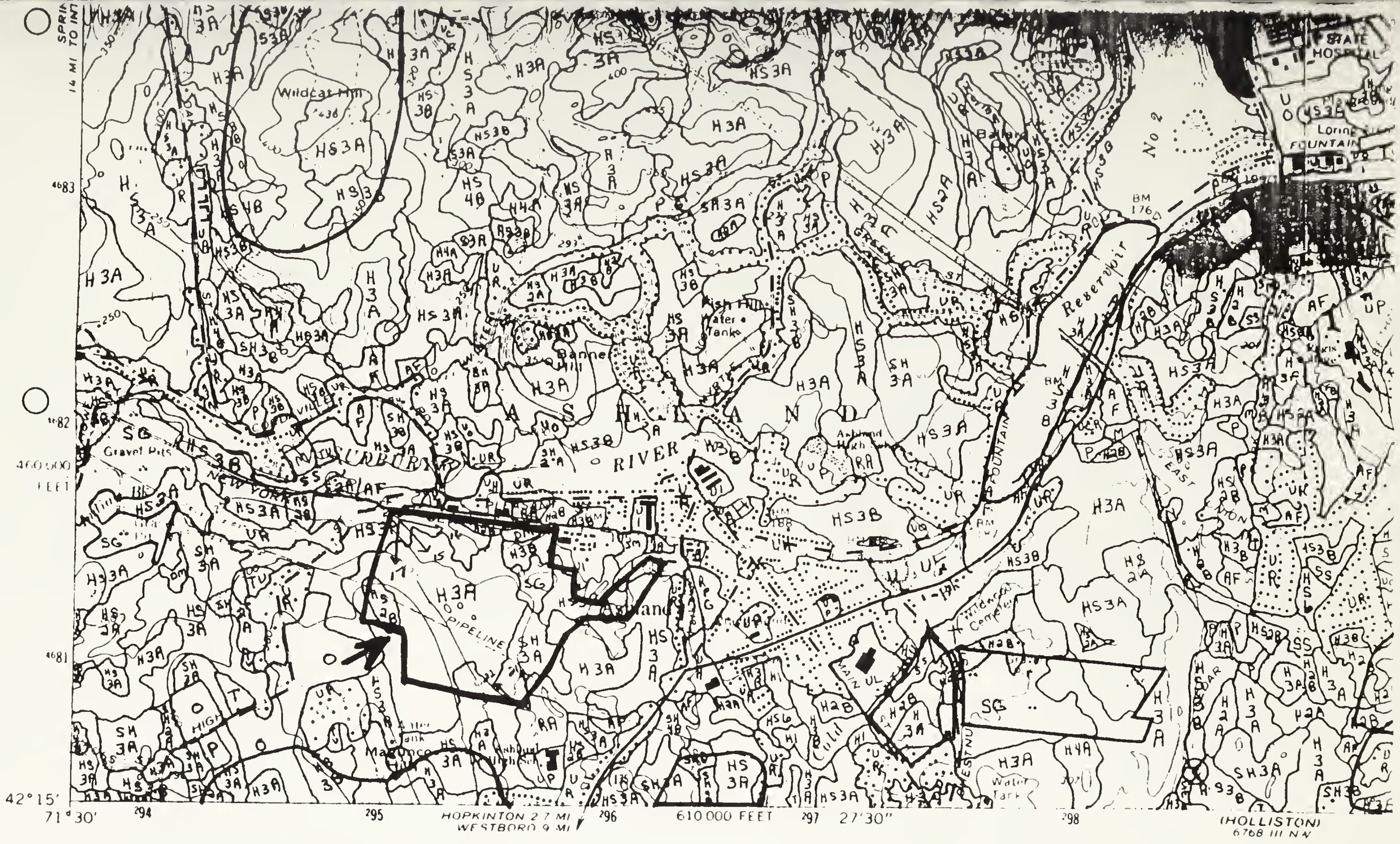


SITE NUMBER: ASH 18

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
o Base Soil Characteristics	2	2	
o Topography	3	2 - western 1/2 is [illegible]	[illegible]
o Depth to Bedrock	2	1	
o Potential for on-site Contamination	3	0 - Nyanza EIS [illegible]	
ENGINEERING CONSIDERATIONS TOTAL	10	5	
NOISE ENVIRONMENT			
o Proximity to Sensitive Noise Receptors	6	2. [illegible] residential	[illegible]
o Proximity to Existing Major Noise Sources	4	2 - railroad & traffic	
NOISE ENVIRONMENT TOTAL	10	4	
LAND USE			[illegible]
o Current Site Use	3	1	[illegible]
o Neighboring Land Use	3	2	[illegible]
o Proximity to Sensitive Receptors	2	1	[illegible]
o Community Development Objectives	2	1	[illegible]
LAND USE TOTAL	10	5	[illegible]
CULTURAL RESOURCES			
o Proximity to Historical Resources	6	0 [illegible]	
o Proximity to Archeological Resources	4	0 - agricultural?	[illegible]
CULTURAL RESOURCES TOTAL	10	0.	
TRANSPORTATION			
o Site Rail Access	2	2 - [illegible]	[illegible]
o Site Coastal Access	2	0	
o Site Roadway Access	3	2	
o Traffic Operations Level of Service	3	2 - No [illegible] access [illegible]	or proposals.
TRANSPORTATION TOTAL	10	6	traffic [illegible]

SITE NUMBER:

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			[illegible]
○ Proximity to Surface Water Bodies	3	1	
○ Proximity to 100 Year Flood Zone	2	2	[illegible]
○ Water Quality Classification	5	3 - 100 m.	
SURFACE WATER TOTAL	10	6	
GROUND WATER			[illegible]
○ Presence of Aquifer	2	1 [illegible]	
○ Well Yield Potential	4	3	
○ Proximity to Drinking Water Wells	4	4 (well [illegible]	
GROUND WATER TOTAL	10	8	
WETLANDS			[illegible]
○ Presence of Wetland On-Site	6	4.	
○ Proximity to Off-Site Wetlands	4	0	
WETLANDS TOTAL	10	4	
ECOLOGY			[illegible]
○ Presence of Threatened or Endangered Species	4	3	Not on Nanza 21E - SW
○ Terrestrial Ecology	2	1	1/3 of site wooded [illegible] potential - also [illegible]
○ Aquatic Ecology	4	4	Nanza - wooded [illegible]
ECOLOGY TOTAL	10	8	
AIR QUALITY/ODORS			
○ Impact Area Characteristics	3	2	
○ Dispersion Characteristics			
– Ventilation	2	1	
– Terrain	1	0	[illegible]/TC
○ Existing Air Quality/Source Characteristics			
– Attainment Status	2	2	
– Industrial Land Use	2	2	
AIR QUALITY/ODORS TOTAL	10	7	
SITE TOTAL	100	53	



ASH-18

MASSACHUSETTS MAP DOWN

1971 LAND USE AND VEGETATIVE COVER MAPPING

MAP DOWN SUPPORTERS:

University of Massachusetts Department of Forestry and Wildlife Management
Massachusetts Agricultural Experiment Station
U.S.D.A. Forest Service - Northeastern Forest Experiment Station
U.S.D.A. Soil Conservation Service
Massachusetts Water Resources Commission

Agricultural and Open Types

EA ☐ P (Extensive Agriculture
IA ☐ T,TU (Intensive Agricul
WA ☐ O,N,CB (Woody Perenials)
0 ☐ AF,AO,PL,S, H (Open Area

ASH-22

SITE DATA FILE INDEX RECORD

SITE: ASH-22

	PAGE:	QUALITY ASSURANCE REVIEW
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16 a-c	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19-20	✓
Miscellaneous Information Description of Site	21-22	✓

QA Performed By: JoAnn Ranslow

Date: 8/17/87

REFERENCES
SITE ID ASH-22

1. USGS Topographic Map
Holliston, Ma.
N4207.5-W7122.5/7.5
1969
Photorevised 1979
AMS 6768 III NW-Series V814

2. USFWS Map
Holliston, Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Holliston, Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Holliston, Ma

5. FEMA Flood Map
Flood Insurance Rate Map
Town of Ashland, Ma
Middlesex County
Map Index and Panels 1,2
Effective Date: July 16, 1981

6. USDA/SCS Map
United States Department of Agriculture
A87 Soils Conservation Service Soil Survey
Middlesex County

Performed By: J. Rawle
Date: 8/17/8

REFERENCES CONTINUED
SITE ID ASH-22

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Ashland
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Ashland
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Holliston, MA
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Town of Ashland
May 15, 1972
Revision: March 6, 1986

Performed By: J. Rans
Date: 8/17/8

MWRA Map-Level Analysis

Site #: A3H-22

Date: 11-14-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Holliston, MA Site Area(acres): 173.0

Site Dimensions(m): Length: 400 Width: 1300

Site Location: UTMx: 4680.3 UTMy: 295 UTMz: 350

Site Elevation(ft): Min: 300 Max: 410

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: N S E [✓ W]

Utilities On-site: [✓ Yes] No Describe: pipline - across S.E corner of site

Comments:

Air Quality

Highest Terrain(3 km radius): 430

Greater than 5 peaks 100 ft. above site elevation: [✓ Yes] No

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	15
Commercial/Industrial	~~[illegible]~~ 2.0
Other	83

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	X	X
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: ASH-23

Date: 11/14/86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 9 Distance from site(km): 4.0

Second. Road Name: Badger St / Main St. Travel Distance(km): 3.8

Second. Road Name: Union St / unnamed Travel Distance(km): 1.6

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 3 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name: ____________ Approx. Width: ______ Depth: ______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance: _____

Comments:

Sensitive Receptors (3km.) from center of site

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Ashland Jr High Sch.	700	E
Playground	1600	E
Church	1800	E
Sch. (unnamed)	2000	E
Ashland High Sch.	2400	E
Ashland State Park	1200	E
YMCA camp	2800	S
Hopkinton State Park	2000	W

Comments:

Need Milford Quad to complete S.R. analysis to the west by 1500 m.

MWRA Map-Level Analysis

Site #: ASH-33

Date: 11/14/86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: SU39 (33%) SU26 (25%) SU33 (42%)

Standing Water On-site %: 0

Distance to nearest surface water (km): .1m (wetlands S)

Identity of Surface Water: Name/Description Classification (310 CMR)

Sudbury River (N)
Ashland Reservoir (S)
Cold Spring Brook (E)
Indian Brook (W)

9 unnamed ponds

Comments:

Need Milford Quad to complete surface Water analysis for last 600 m. to the west

MWRA Map-Level Analysis Site Location: ASHLAND Site #: ASH-22

Date: 11/6/86 Analyst: DRN

USFWS WETLANDS MAP

Wetlands

On-site: Acreage USFWS Code

NO WETLANDS ON-SITE

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
6	1000-1200	P$\frac{SS1}{OW}$
7	900	PFO1
12	1900-2100	PFO1
11	1200-1600	POW
18	1600-1900	PFO1
5	900	PFO1
26	1200-1400	PFO1
3	300	PFO1
3	500	PFO1
7	400	PFO1
3	600-800	PFO1
5	800-1000	P$\frac{SS1}{EM}$
6	1000-1400	PFO1

Comments

Acreage -

on site: 0.00

off site: 112.00

MWRA Map Level Analysis Site Location: ASHLAND Site #: ASH-22

Date: 11/3/86 Analyst: S CHRISTIAN

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL1		100

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
NONE		

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
M1		10
L1		5
LL1		85

Wells(list):

Type/Use		Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
			875		
301 H	contaminated wells		875	~~SW~~	
302 H			375	N	
303 H					
308 E	WELLS NOT IN USE		1000	SE	
309 E					
312 E					
313 E					
307 E					

Comments:

MWRA Map-Level Analysis Site Location: ASHLAND Site #: ASH-22

Date: 11/3/86 Analyst: S CHRISTIAN

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry (m)
ASHLAND RESERVOIR 30K	MDC RESERVE OR ABANDONED RESERVOIR	1800

DEM !!

Comments:

MWRA Map-Level Analysis Site Location: ASHLAND Site #: ASH-22

Date: 11/5/86 Analyst: SBC

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List:

001C	closed landfill	1000 m	NW
001A	Hazardous waste site under invest.	250 m	NNE
003A		750 m	NNE
004B		1625m	NE
0218	verified surface impoundment	500 m	NNE
003A	salt storage shed	1000 m	N
	automobile junkyard	1000 m	N
000C973	minor discharge	1375m	E

Comments:

MWRA Map-Level Analysis Site Location: Ashland Site #: ASH-22

Date: 11/6/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: 750

Comments:

MWRA Map-Level Analysis Site Location: Ashland Site #: ASH-22

Date: 12/12/86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
123-C-1-2		30	
123-B-1-		25	
34-A-2		10	
120-C-1-2		5	
122-C-2-		5	
122-B-2-		20	
83 B-1-2		5	
3			

Comments:

MWRA Map-Level Analysis Site Location: Ashland Site #: ASH-22

Date: 11/21/86 Analyst: Don Neal, L Day

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna	1	1		

Historical

Number On-site: 1

Number Off-site(1 km): 1

Comments (describe if possible)

WARBLER

MWRA Map-Level Analysis Site Location: Ashland Site #: ASH-33

Date: ________ Analyst: L. Day

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
~~[illegible]~~ 100	FOREST – ~~[illegible]~~
~~[illegible]~~	AGRICULTURAL

Off-site(1 km):

Percent Coverage	Category
	INDUSTRIAL
5	COMMERCIAL
40	RESIDENTIAL – to the south - southeast
5	OPEN/REC
~~[illegible]~~ 35	FOREST - mostly to the north of site
15	AGRICULTURAL scattered around south of site

Comments: Presence of buffers, abutting land use, etc.

imm. abutting: N – Forest lands for 200 m small agriculture plot - the rest forest

S – forest w/ small agriculture plots 200 m out from si
The rest is residental

E - Agriculture & residential o eastern border out to 1 km mark

W - agriculture.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Ashland Site #: Ash 22

Date: 11/21 Analyst: P He[illegible]

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
100	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
10	INDUSTRIAL
	COMMERCIAL
75	RESIDENTIAL
	OTHER

Comments

15% of lands within 1 km are in Hopkinton

Site abutted by residentially zoned lands in all directions

MWRA Field Survey

Site #: ASW-22

Date: 12/11 Time: 1400 Survey Team: Slocum, Day

On-site Land Use(describe)

wooded, some open fields, some orchards.

Abutting Land Use(describe)

forests, sparse residential along surrounding streets.

Sensitive Receptors(additional)

— Jr High (buffered)

MWRA Field Survey Site #: AS4-2

Date: 12/11 Time: 1400 Survey Team: Day, Slocum

Noise

General Environment: [✓ Quiet] Noisy Very Noisy

Sources(list): Description Approx. Distance

light rural traffic

General Comments

Include buffers, transportation, water resources etc. Use reverse si
if necessary. Focus on aspects of site not found on data sheets.

Buffered by forests

site is generally high ground (well drained) open mature forests

MWRA Field Survey

Site Location: Ashland - Holliston Quad -

Date: 12-11-86 Time: 1:45 Survey Team: Day/Slocum

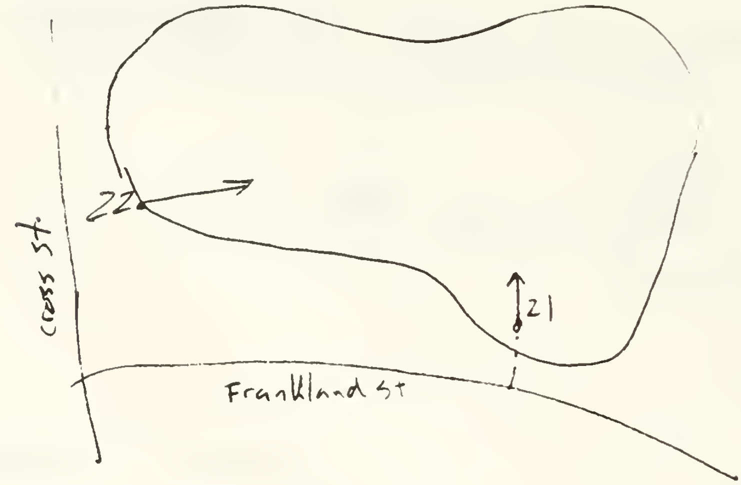
Site #: ASH-22

PHOTO CHECK LIST

Roll #	Picture #	Description
XX	21	— Open field — site starts w/ woods, car and scientist in action — looking N
	22	— on W side looking E onto site — wooded & open — undeveloped — erratics"

↑ N

Comments:



ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: Ash 22

DATE: 2/24/87 TIME: 3pm ANALYST: [illegible] TOWN: Ashland

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):

#1 = Warren Walkey Jr Family Trust : 31.4 ac.
#2 = Anthony LaBerdon : 22.0 acres
#4 = Charlie Corsini : 27.0 acres
#6 = Albert Green : 32.0 acres
#5 = John Ellsworth : 13.7 acres
#7 - Albert Green : 12.2 acres
#8 = Charlotte Cookinham : 29.9 acres
#16 = Town of Ashland Jr High Sch : 26.67
#17 = MLT Realty Trust ± 10 acres

Development Proposal for Site (Engineering or Planning Dept.):

The town engineer (Mr [illegible]) informed us the area (Ash 22) was built up - a road and residential homes through the middle. We went to investigate - not there - still open, undeveloped woodland. Perhaps this is a proposed plan for that area

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office): (parcels of Ash-13 and land separating it from Ash-22 evaluated)

#13 = Ashland Realty Development Corporation; 10.79 acres
#11 = Ashland Realty Dev Corp. : 28.81 acr.
#12 = Ashland Realty Dev. Corp. : 18.9 acres
#10 = Ashland Realty Dev Corp. : 45.46 acres
#14 = MCL Development Corp. : 3.59 acres
#15 = MCL Development Corp. : 9.90 acres
#3 = William Higgins : 23.6 acres
#13 = Ashland Reality Deve Corp : 10.79 acres

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

No plans for Ash-13 area.

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

ASHLAND FIELD INVESTIGATION	Date 1 2 87	Day 11	Project 2 11	Proposal

FIELD REPORT

MWRA SITE INVESTIGATION IN ASHLAND - 11 FEBRUARY 1987

① ASH-01 site located, plotted on topo, Framingham Quad, field visit, & photographed (sl. # V-33 & V-34)

② ASH-02 site located, plotted on topo, field visit, & photoed (slides # V-31 & V-32)
This site is essentially a pond.

③ ASH-20
The majority of this site is within the Ashland Town Forest
One 23.0 acre portion is owned by Dominic Nicolo (plot 3-16A)
Other small portions may be owned by individuals
→ not likely to be developed

[redacted]

⑤ Other Large Tracts of Land in Ashland

A. Ashland Town Forest - large area west of Myrtle Street. over 3[illegible]
(see topo - Framingham Quad)

B. Ashland Fish & Game Club
30.5 acres on the Sudbury River NE of the intersection of Cordaville Rd & Pleasant St. I have photographed this (photo # V-35) and indicated location on the map.

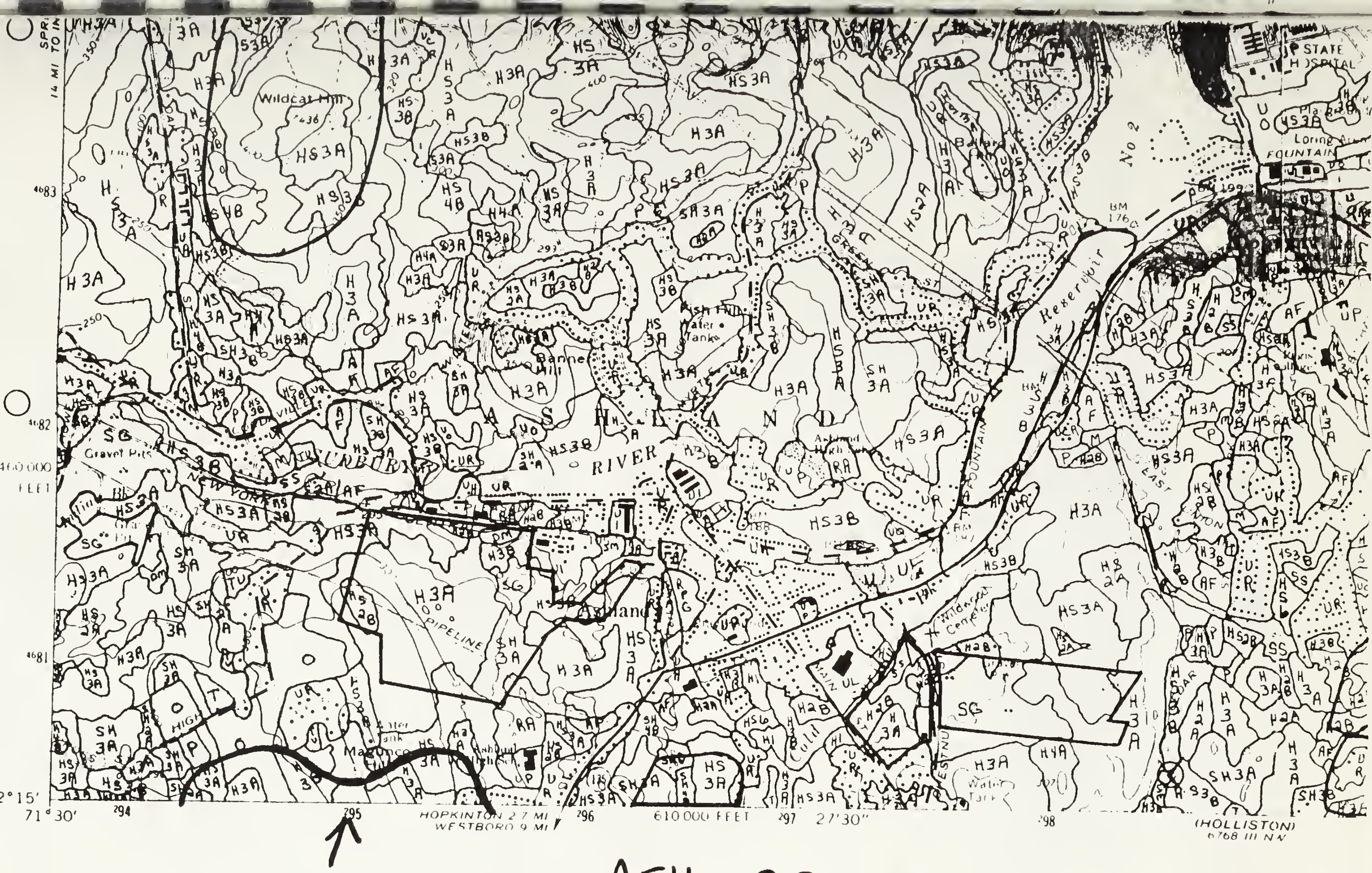
SITE NUMBER: ASH-22

PAGE 1 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS		6 [illegible]	
○ Base Soil Characteristics	2	1	
○ Topography	3	2 - Eastern ½ of R is steep [illegible] ok	TS/LD
○ Depth to Bedrock	2	[illegible]	
○ Potential for on-site Contamination	3	2 - 21E is on site for ASH-18. Some potential for contamination	
ENGINEERING CONSIDERATIONS TOTAL	10	6	
NOISE ENVIRONMENT			
○ Proximity to Sensitive Noise Receptors	6	4. - J.H.S. is 1/3 km off site - but well buffered [illegible] is.	
○ Proximity to Existing Major Noise Sources	4	2. very slight noise from [illegible]	
NOISE ENVIRONMENT TOTAL	10	6.	
LAND USE			rlf
○ Current Site Use	3	1	
○ Neighboring Land Use	3	1	
○ Proximity to Sensitive Receptors	2	1	
○ Community Development Objectives	2	0	
LAND USE TOTAL	10	3	
CULTURAL RESOURCES			
○ Proximity to Historical Resources	6	0 - 1 or [illegible] HR	
○ Proximity to Archeological Resources	4	3 - [illegible]	
CULTURAL RESOURCES TOTAL	10	3.	
TRANSPORTATION			
○ Site Rail Access	2	0	
○ Site Coastal Access	2	0	
○ Site Roadway Access	3	2 — No direct access [illegible] 3 - [illegible]	
○ Traffic Operations Level of Service	3	2 - [illegible] be [illegible]	TS/LD
TRANSPORTATION TOTAL	10	4.	

SITE NUMBER: PAGE 2 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			
o Proximity to Surface Water Bodies	3	1	— [illegible]
o Proximity to 100 Year Flood Zone	2	2 (750 m),	
o Water Quality Classification	5	3 - Surface H2O [illegible]	[illegible] SE
SURFACE WATER TOTAL	10	6	
GROUND WATER			
o Presence of Aquifer	2	2	[illegible]
o Well Yield Potential	4	4	
o Proximity to Drinking Water Wells	4	4	[illegible] wells
GROUND WATER TOTAL	10	10.	
WETLANDS			
o Presence of Wetland On-Site	6	6	[illegible]
o Proximity to Off-Site Wetlands	4	4	
WETLANDS TOTAL	10	10.	
ECOLOGY			
o Presence of Threatened or Endangered Species	4	3 — mostly [illegible]	[illegible] habitat
o Terrestrial Ecology	2	1	
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	8.	
AIR QUALITY/ODORS			
o Impact Area Characteristics	3	3	TS/[illegible] /TC
o Dispersion Characteristics			
- Ventillation	2	2.	
- Terrain	1	.5	
o Existing Air Quality/Source Characteristics			
- Attainment Status	2	2.	
- Industrial Land Use	2	2.	
AIR QUALITY/ODORS TOTAL	10	9.5	
SITE TOTAL	100	65.5	



ASH-22

MASSACHUSETTS MAP DOWN

1971 LAND USE AND VEGETATIVE COVER MAPPING

MAP DOWN SUPPORTERS:

University of Massachusetts Department of Forestry and Wildlife Management
Massachusetts Agricultural Experiment Station
U.S.D.A. Forest Service - Northeastern Forest Experiment Station
U.S.D.A. Soil Conservation Service
Massachusetts Water Resources Commission
Massachusetts Society for the Promotion of A

Agricultural and Open Types

EA ☐ P (Extensive Agriculture
IA ☐ T,TU (Intensive Agricul
WA ☐ O,N,CB (Woody Perenials)
O ☐ AF,AO,PL,S, H (Open Area

5 mm 107-110↓
5mm 111-113↓

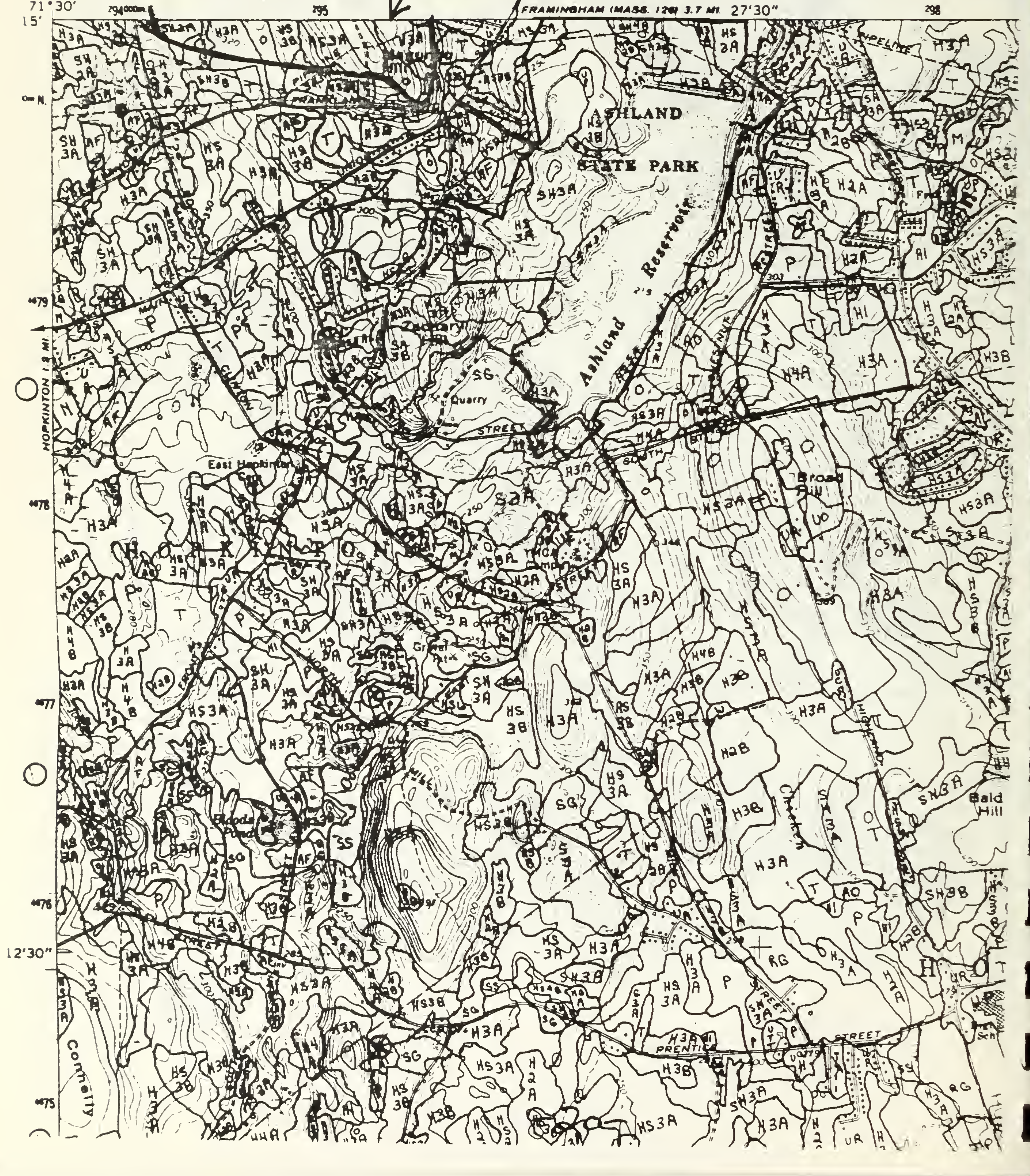
DPQ 5mm 61-65↓
DPS 5mm 66-67↓

ASH-22

DPQ 4
DPS 4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWE
DEPART



BED-09

SITE DATA FILE INDEX RECORD

SITE: Bed 09

	PAGE:	QUALITY ASSURANCE REVIE
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	
II. Field Survey:		
1. Data Forms	13-14	
2. Photo Check List	15	
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	
Miscellaneous Information		

QA Performed By:

Date: 08/17/87

REFERENCES
SITE ID Bed-09

1. USGS Topographic Map
Billerica Ma
N4230-W7115/7.5
1965
Photorevised 1979
AMS 6570 [illegible] SE Series

2. USFWS Map
Billerica Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Billerica Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Billerica Ma

5. FEMA Flood Map
Flood Insurance Rate Map
Town of Bedford
Middlesex County
255209 0001-0006
June 15 1983

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Middlesex County

Performed By:

Date: 08/17

REFERENCES CONTINUED
SITE ID Bed [illegible]

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Bedford
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Bedford
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Billerica Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Zoning Districts Town
of Bedford Ma
The Bedford Planning Board
January 1979

Performed By: P. Marr
Date: 08/[illegible]

MWRA Map-Level Analysis

Site #: BED-0

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Billerica, MA Site Area(acres): 170

Site Dimensions(m): Length: 900 Width: 800

Site Location: UTMx: 4709.9 UTMy: 313.4 UTMz: 210

Site Elevation(ft): Min: 150 Max: 250

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: N S E W

Utilities On-site: Yes [✓ No] Describe:

Comments:

Marist seminary is off site - abutting to the N-W.

Air Quality

Highest Terrain(3 km radius): 380

Greater than 5 peaks 100 ft. above site elevation: [✓ Yes] No

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	5.0
Commercial/Industrial	<1.0
Other	94

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	X	X
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis　　　Site #: BED

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 3　　Distance from site(km): <

Second. Road Name: Concord Road　　Travel Distance(km): 1.4

Second. Road Name: Unnamed Springs rd.　　Travel Distance(km): .9

Railroad(within 2 km): [✓ Yes] No - old rail road grade

Number of Tracks: 1　　Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name:　　Approx. Width:　　Depth:

Pier/Wharf: Yes [✓ No]　Bridges: Yes [✓ No]　Clearance:

Comments:

Sensitive Receptors

#	Distance
1	0 - 1/2 km
1	1/2 - 1 km
3	1 - 2 km
3	2 - 3 km

Sensitive Receptors (3km)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Athletic Field	3000	N
Vining Sch.	~~2~~ 1700	N
School (unnamed)	2200	W
Lane Sch.	900	W
Marist Seminary	400	N
Vetrans Admin.-Hospital	1400	S
Springs Brook Park	2200	S
Camp Oak	1900	E

Comments:

Comments: Marist Seminary is off the site ~~[illegible]~~ abutting to the VA

-

MWRA Map-Level Analysis

Date: 11-07-86 Analyst: L. Day

Site #: BED-

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: SW-9 (Shawsheen) 85%; CO-4 (Concord) 15%

Standing Water On-site %: 10

Distance to nearest surface water (km): <.1 (small pond)(wetlands)

Identity of Surface Water: Name/Description Classification(310 CMR)

Nutting Lake (N)
Fawn Lake (S)
Mill Brook (W)
Mckee Brook (E)
Spring Brook (E)
Shawsheen River (S)

Comments:

MWRA Map-Level Analysis Site Location: BEDFORD Site #: BED 09

Date: 11/4/86 Analyst: DRIY

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
2	POW
6	PFO1
3	PFO1

Off-site (2 km):

Acreage	Distance (m)	USFWS Code
2	0	POW
10	0-200	PFO1
23	400-1000	PFO1
30	100-600	"
42	1200-1600	$P\frac{FO}{SS}1$
56	1400-1900	PFO1
10	1400-1600	$P\frac{FO}{SS1}1$
40	1000-2000	PFO1
47	600-1806	$P\frac{FO}{SS}1E$
29	1000-2000	$P\frac{SS1}{EM}E$

Comments

WETLANDS ONSITE ARE LOCATED AT SITE PERIPHERY

Acreage -

on site: 11.00

off site: 289.00

MWRA Map-Level Analysis   Site Location: BEDFORD   Site #: 3SD-09

Date: 11/4/86   Analyst: S.CHRISTIAN

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL_1		100

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
NONE		

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
L_1		9
LL_1		90
M_1		1

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
203E	Well NOT IN USE	1750	W	

Comments:

MWRA Map-Level Analysis Site Location: BEDFORD Site #: SE[illegible] 9

Date: 1/14/86 Analyst: S. CHRISTIAN

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
NONE		

Comments:

MWRA Map-Level Analysis Site Location: ~~Billerica~~ Bedford Site #: BED— 09

Date: 11/12 Analyst: TMS

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List:

surface impoundment	031	0230	1500 m	N
surface impoundment	031	0263	1600 m	NE
surface impoundment	023	0168	1400 m	S
closed landfill/dump	023	003C	1400 m	S

Comments:

MWRA Map-Level Analysis Site Location: Bedford Site #: BED-09

Date: 11/7/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: >100

Comments:

MWRA Map-Level Analysis Site Location:____________ Site #: BED-09

Date: 12/12/86 Analyst: SSL

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
0 123-B-1		35	
82-B-1		15	
83-B-1		25	
C 123-C-1		15	
2 371-A-1		10	

Comments:

MWRA Map-Level Analysis Site Location: Bedford Site #: BED-09

Date: 11/21/86 Analyst: C Day O'Neal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 0

Comments (describe if possible)

No Rare Species

MWRA Map-Level Analysis Site Location: BEDFORD Site #: BED-09

Date: 11/12/86 Analyst: SCHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
5	RESIDENTIAL
10	OPEN/REC
40	FOREST
	AGRICULTURAL
5	WATER

Off-site(1 km):

Percent Coverage	Category
5	INDUSTRIAL
	COMMERCIAL
20	RESIDENTIAL
5	OPEN/REC
50	FOREST
5	AGRICULTURAL
5	WATER
5	TRANSPORTATION

Comments: Presence of buffers, abutting land use, etc.

5 FRESH WETLAND

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Bedford-Billerica Quad Site #: BEV-C9

Date: 12-11-86 Analyst: L Day

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
100	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
10	INDUSTRIAL - SE of site
2	COMMERCIAL - bussiness W
88	RESIDENTIAL
	OTHER

Comments

The off site % are incomplete Billerica zoning not available — N of site % include ± 70% of 1 km radius.

MWRA Field Survey Site #: BED-09

Date: 12/10/86 Time: 9:45 Survey Team: Christian Day

On-site Land Use(describe)

Forested land (very)

South and south west edge - residential

Running trail along western edge.

Basketball court or something on site (central)

Abutting Land Use(describe)

North West - Seminary + Middlesex Community College

West, South + south west - residential

East - residential (some)

more residential construction happening east of site to Rt. 3

Sensitive Receptors(additional)

- Seminary and College to Northwest

VA hospital South

MWRA Field Survey Site #: BED 59

Date: 12/10/88 Time: 9:45 Survey Team: [illegible]

Noise

General Environment: [✓ Quiet] Noisy Very Noisy

Sources(list): Description Approx. Distance

General Comments

Include buffers, transportation, water resources etc. Use reverse si
if necessary. Focus on aspects of site not found on data sheets.

primary road - Rte 3 (heavy traffic)

Secondary - Concord road to Springs road ([illegible] traffic)

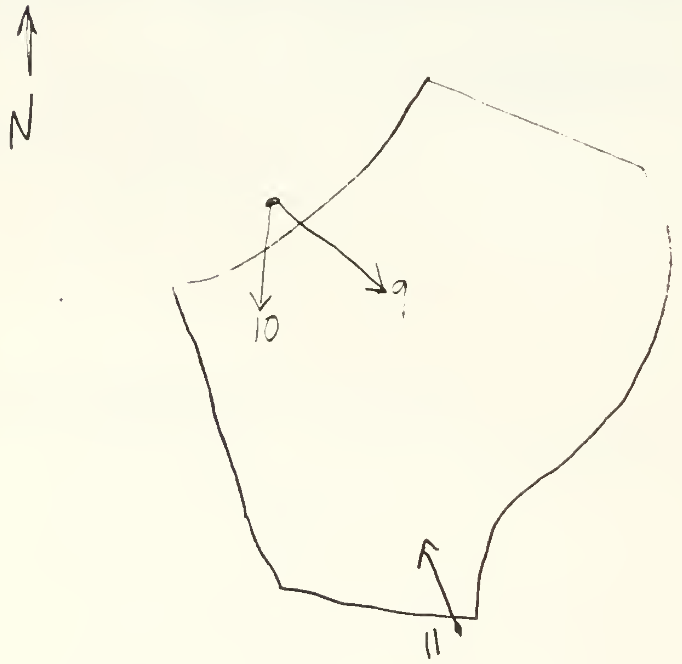
MWRA Field Survey   Site Location: Bedford   Site #: BD-9

Date: 12-10-86   Time: 9:45   Survey Team: Day, Christian

PHOTO CHECK LIST

Roll #	Picture #	Description
XX	9	(off site on right) NW corner — looking SE — forested
	10	(off site on right) NW corner looking SE - forested
	11	SE corner - just off site - line of houses on site on [illegible] [illegible]. — forested beyond — looking N-NW.

Comments:



ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: BED-9

DATE: 3/5/87 TIME: 10:05 ANALYST: J. [illegible] TOWN: Bedford

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):

Parcel	owner	Acreage
593	Marist Seminary	56.33 Ac
591	Commonwealth of Ma Middlesex Community College	115.87 Ac

Development Proposal for Site (Engineering or Planning Dept.):
The Site has some development, bldgs for The seminary and Bldgs for MSCC.

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

Location	Owner	Acreage
S & SE of Site	Residential	
due South	Marist Seminary	114± Ac
East of site	Residential	
NW	Residential	

Development Proposal for Abutting Lands (Engineering or Planning Dept.): A Bldg. Moratorium has been imposed on Bedford by DEQE. a 7 yr. sewer moratorium has just ended (Summer '86).

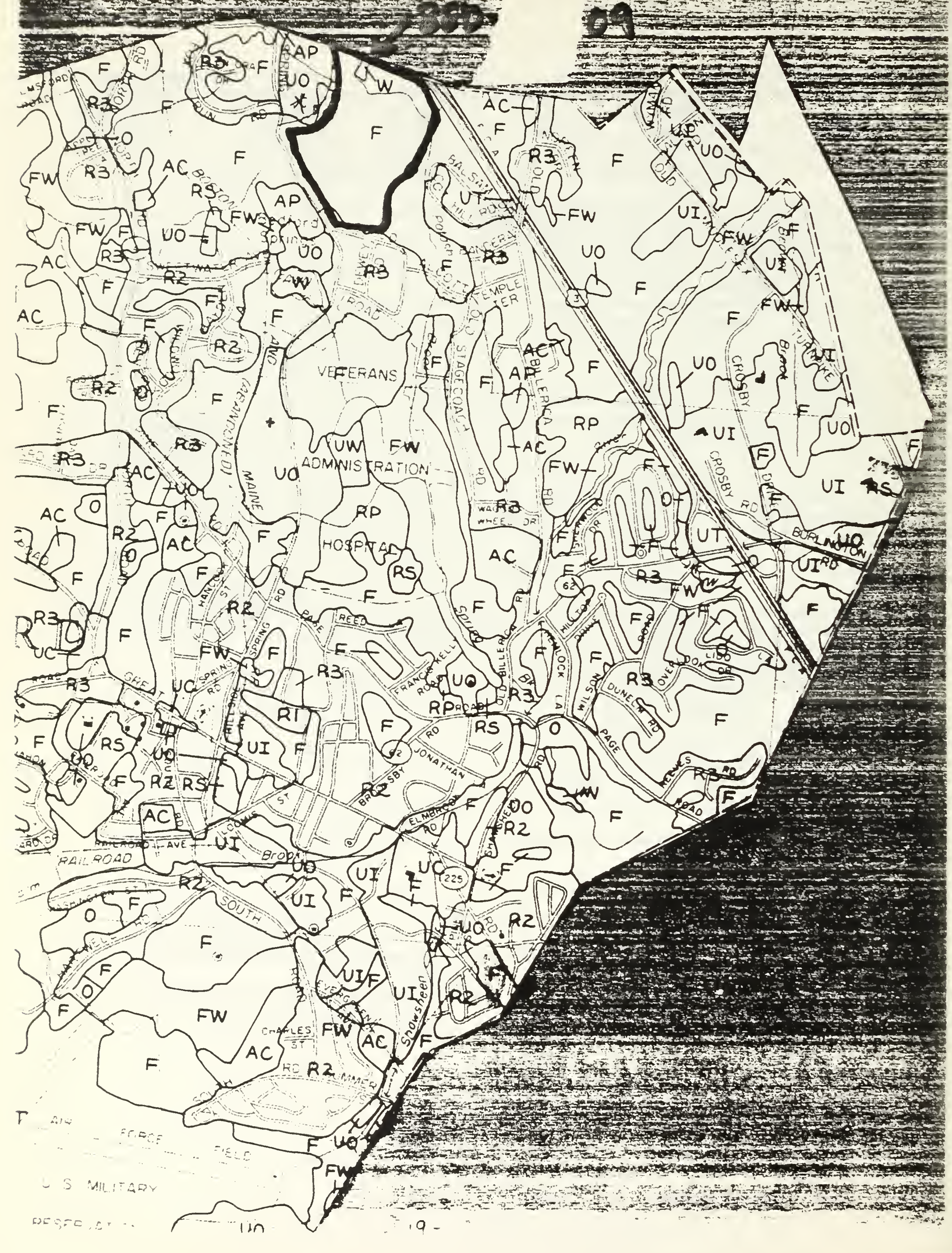
ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

SITE NUMBER: BEF 09 PAGE 1 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
○ Base Soil Characteristics	2	1 [illegible]	
○ Topography	3	2.	
○ Depth to Bedrock	2	1.	
○ Potential for on-site Contamination	3	3,	
ENGINEERING CONSIDERATIONS TOTAL	10	7.	
NOISE ENVIRONMENT			
○ Proximity to Sensitive Noise Receptors	6	2. Screening topography	buffered by [illegible]
○ Proximity to Existing Major Noise Sources	4	2	
NOISE ENVIRONMENT TOTAL	10	4	
LAND USE			PH
○ Current Site Use	3	1	
○ Neighboring Land Use	3	2	
○ Proximity to Sensitive Receptors	2	0	
○ Community Development Objectives	2	0	
LAND USE TOTAL	10	3	
CULTURAL RESOURCES			
○ Proximity to Historical Resources	6	6.	
○ Proximity to Archeological Resources	4	2	
CULTURAL RESOURCES TOTAL	10	8.	
TRANSPORTATION			
○ Site Rail Access	2	0	
○ Site Coastal Access	2	0	
○ Site Roadway Access	3	1	
○ Traffic Operations Level of Service	3	1	
TRANSPORTATION TOTAL	10	2	

SITE NUMBER:

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			
o Proximity to Surface Water Bodies	3	1	[illegible]
o Proximity to 100 Year Flood Zone	2	2	
o Water Quality Classification	5		
SURFACE WATER TOTAL	10	3.	
GROUND WATER			[illegible]
o Presence of Aquifer	2	2	
o Well Yield Potential	4	4	
o Proximity to Drinking Water Wells	4	4	
GROUND WATER TOTAL	10	10.	
WETLANDS			
o Presence of Wetland On-Site	6	4	
o Proximity to Off-Site Wetlands	4	0 [illegible]	[illegible]
WETLANDS TOTAL	10	4	
ECOLOGY		NO T&E	but [illegible]
o Presence of Threatened or Endangered Species	4	3	[illegible]
o Terrestrial Ecology	2	2	
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	9.	
AIR QUALITY/ODORS			
o Impact Area Characteristics	3	3.	
o Dispersion Characteristics			
- Ventillation	2	2	
- Terrain	1	1	[illegible]
o Existing Air Quality/Source Characteristics			
- Attainment Status	2	2	
- Industrial Land Use	2	2	
AIR QUALITY/ODORS TOTAL	10	10.	
SITE TOTAL	100	63	


VETERANS
ADMINISTRATION
HOSPITAL
BOSTON
MAINE
STAGE COACH RD
BILLERICA RD
CROSBY RD
CROSBY DR
BURLINGTON RD
JONATHAN
BROSBY RD
ELMBROOK RD
PAGE RD
REED
FRANCIS ROAD
KELLY
HILLTOP
HEMLOCK LA
WILSON
DUNELM RD
LIDO
SHERMAN
RAILROAD AVE
RAIL ROAD
SOUTH RD
GREAT RD
SPRING ST
HANSCOM
CHARLES ST
EVERGREEN
Shawsheen
SUMMER
WAGON WHEEL DR
TEMPLE
BALSAM HILL RD
Bedford Springs
Brook
Brook
TURNPIKE
AIR FORCE FIELD
U.S. MILITARY RESERVATION
3
62
225
F
FW
AC
AP
UO
UW
UI
UT
UC
W
O
R1
R2
R3
RP
RS

BOS-25

SITE DATA FILE INDEX RECORD

SITE: BOS-25

	PAGE:	QUALITY ASSURANCE REVIE
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information USGS topo of site	20	✓

QA Performed By: Jo Ann Renslow

Date: 8/17/87

REFERENCES
SITE ID Bos-25

1. USGS Topographic Map
   Hull, Ma
   N4215-W7052.5/7.5
   1971
   AMS 6868 IV SW - Series V814
   Scale 1:24000

2. USFWS Map
   Hull, Ma
   Aerial Photography
   Date: 4/77
   Scale: 1:80,000
   Type: B-W

3. DEQE Groundwater Map
   MA DEQE/Division of Water Supply
   1982 Water Source and
   Aquifer Information Overlay
   Quad: Hull, Ma

4. DEQE Waste Source Map
   MA DEQE/Division of Water Supply
   1982 Waste Source and
   Drainage Basin Overlay
   Quad: Hull, Ma

5. FEMA Flood Map
   Flood Insurance Rate Map
   Same as ①

6. USDA/SCS Map
   United States Department of Agriculture
   1987 Soils Conservation Service Soil Survey
   Suffolk County

Performed By: J. Ran
Date: 8/17/

REFERENCES CONTINUED
SITE ID Bos-25

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Hull, MA
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Hull, MA
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Hull, Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Zoning Districts, City of Boston
Map 2A
Date: Aug 15, 1962
adopted by the Zoning
Commission of the City of Boston

Performed By: J. Ransla
Date: 8/17/87

MWRA Map-Level Analysis

Site #: BOS-25

Date: 11-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Hull, MA Site Area(acres): 77 DN

Site Dimensions(m): Length: 950 Width: 600

Site Location: UTMx: 4687.5 UTMy: 336.4 UTMz: 40

Site Elevation(ft): Min: 10 Max: 70

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: N [✓ S] E W

Utilities On-site: Yes [✓ No] Describe:

Comments: Spectacle Island

Air Quality

Highest Terrain(3 km radius): 100

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat Gently Rolling [✓ Coastal] Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	<1.0
Commercial/Industrial	<1.0
Other	98

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	✓	✓
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: Bos-26

Date: 11-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways: *

Primary Road Name: ______ Distance from site(km): __

Second. Road Name: ______ Travel Distance(km): _____

Second. Road Name: ______ Travel Distance(km): _____

Railroad(within 2 km): Yes [✓ No]

Number of Tracks: ____ Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): [✓ Yes] No

Name: Boston Harbor Approx. Width: ______ Depth: ______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance: _____

Comments:

* No roads developed on island are shown on map. Boston Harbor surrounds site. Extensive tidal flats on eastern side of island.

Sensitive Receptors (3 km.)

Name/Description	Distance(meters)	Quadrant(N,S,E,W
Long Island Hosp.	2100	E
Thompson Academy	1100	W

Comments:

MWRA Map-Level Analysis   Site #: BOS-25

Date: 11-11-86   Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: 4B

Standing Water On-site %: 0 (Difficult to tell from bl. & wh. topo maps)

Distance to nearest surface water (km): <.1 (Boston Harbor)

Identity of Surface Water: Name/Description   Classification(310 CMR)

Boston Harbor surrounds site
Wetlands on Thompson Island (W)
(Western Way)
(Dorchester Bay)

Comments:

MWRA Map-Level Analysis Site Location: BOSTON Site #: Bos-35

Date: 11/12/86 Analyst: L Day

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code

NO WETLANDS ON-SITE DW

Off-site (2 km):

Acreage	Distance (m)	USFWS Code
50	0 - 200	E2FL
50	1200	E2BB
10	1800	E2EM
3	2000	E2EM
6	2000	E2FL
60	1000	E2FL
2	1400	E2 EM/OW
15	1600	E2BB
9	2000	E2 EM/OW

Comments

Acreage -
on site 0.00
off site 205.00

MWRA Map-Level Analysis Site Location: BOSTON Site #: BS-25

Date: 11/5/86 Analyst: SBC

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L) Value(gpm) Percent Coverage

NO DATA published by USGS – probably low yield and ~~under~~ sa water

Wells(list):

Type/Use Yield(gpm) Depth to Water Table(ft)

NONE

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L) Value(gpm) Percent Coverage

~~NO DATA~~ - ocean surrounds site

Wells(list):

Type/Use Yield(gpm) Distance to Boundry(m) Direction (N, S, E, W) Depth to Water Table(ft)

NONE

Comments:

MWRA Map-Level Analysis Site Location: BOSTON Site #: BOS 35

Date: 11/5/86 Analyst: SBC

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
NONE		

Comments:

MWRA Map-Level Analysis Site Location: BOSTON Site #: BOS 25

Date: 11/5/86 Analyst: SBC

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

~~NO DATA~~

Off-site: [✓ Yes] No

List:

surface impoundment (sewage) 243 002-4; 1700 m S

Comments:

MWRA Map-Level Analysis Site Location: Boston Spectacle Island Site #: BOS-25

Date: 11/10/86 Analyst: Ellen Borsuk
1/7/87 T. Storm

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 10%

Comments:

Off-site Distance(m): 100 Year: 0

Comments: Island in the Boston Harbor

MWRA Map-Level Analysis Site Location: [illegible] Site #: [illegible]

Date: 12/11/[illegible] Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
122 Bx		40	
6		50	
67C		5	
C 50		5	
C			

Comments:

MWRA Map-Level Analysis Site Location: Hull Site #: Bos 75

Date: 12-23-86 Analyst: L Day

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA	1	NA	
Fauna				

Historical

Number On-site: 2

Number Off-site(1 km): 0

Comments (describe if possible)

MWRA Map-Level Analysis Site Location: BOSTON Site #: BOS-29

Date: 11/13/86 Analyst: L. Day

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
40	OPEN/REC - open areas are the southern- of the island, the eastern cc and the nor coast an a small area on western midway o islan
60	FOREST
	AGRICULTURAL

Off-site(1 km):

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
	FOREST
	AGRICULTURAL

100% open waters around site in 1 km radius

Comments: Presence of buffers, abutting land use, etc. - Boston Harbor.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis   Site Location: Boston Harbor / Hull Quad   Site #: BOS-25

Date: 12-12-86 Analyst: L Day

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
100	INDUSTRIAL - Spectacle Island
	COMMERCIAL
	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
10	INDUSTRIAL - Logan Airport
15	COMMERCIAL - Retail bus., offices - [illegible]
10	RESIDENTIAL - Dorchester Bay area ; Moon I.
65	OTHER - Boston Harbor

Comments

Spectacle Is.

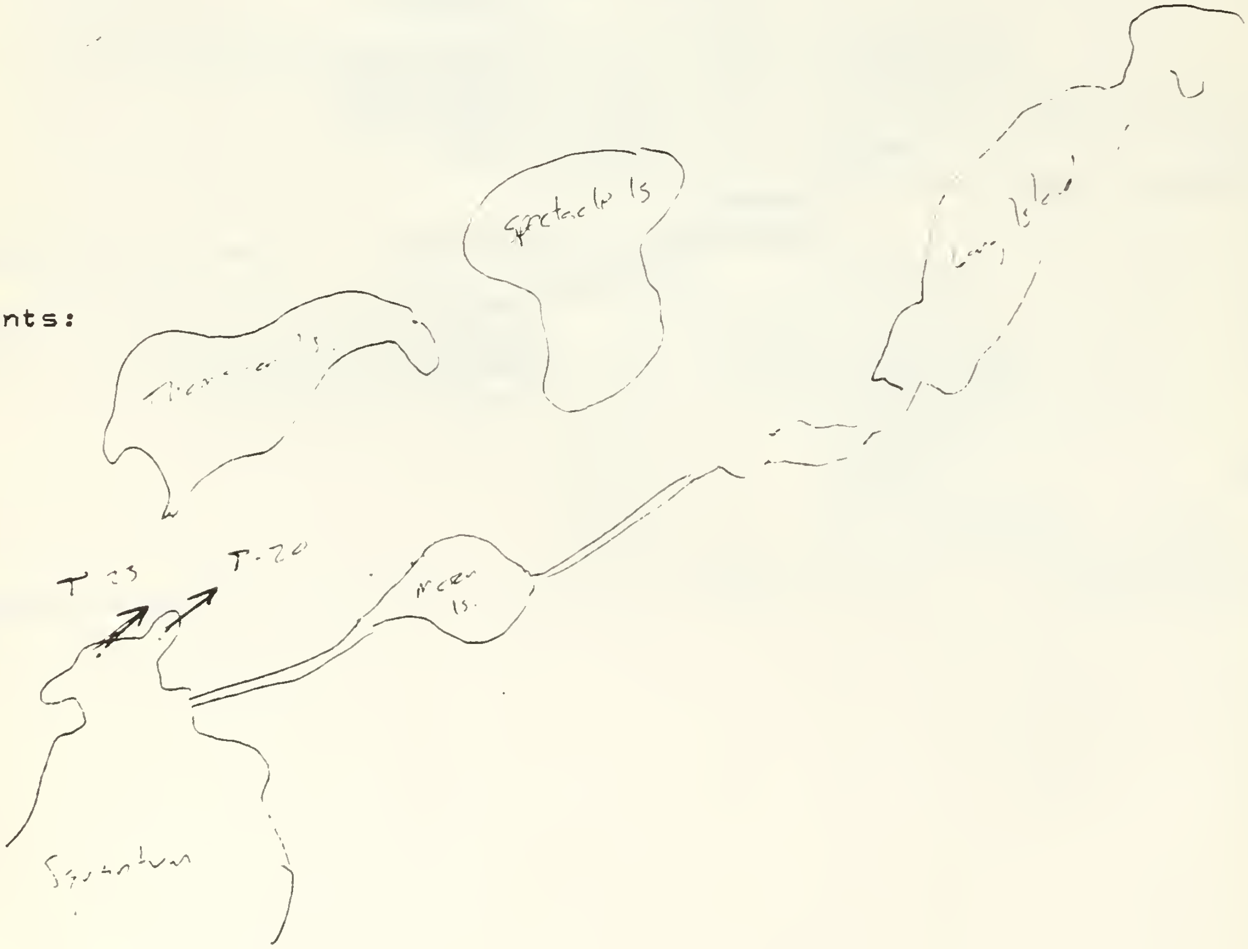
MWRA Field Survey Site Location: ~~[illegible]~~ Spectacle Island ~~[illegible]~~ Site #: ~~[illegible]~~ BOS-25

Date: 12/5 Time: 11:00 Survey Team: Slocum Neal

PHOTO CHECK LIST

Roll #	Picture #	Description

Comments:



photos taken from Chapel Rocks,
Squantum Neck
photo #23 shows Thompson Is (left), Spectacle Is (center)
& Long Is (right)

ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#:__________ [illegible]

DATE: 3/23/83 TIME: 11 ANALYST: [illegible] TOWN: Boston

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):

Spectacle Island

[illegible] Boston E. [illegible] 02120 [illegible] parcel 7071 → 7074

Development Proposal for Site (Engineering or Planning Dept.):

open space

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

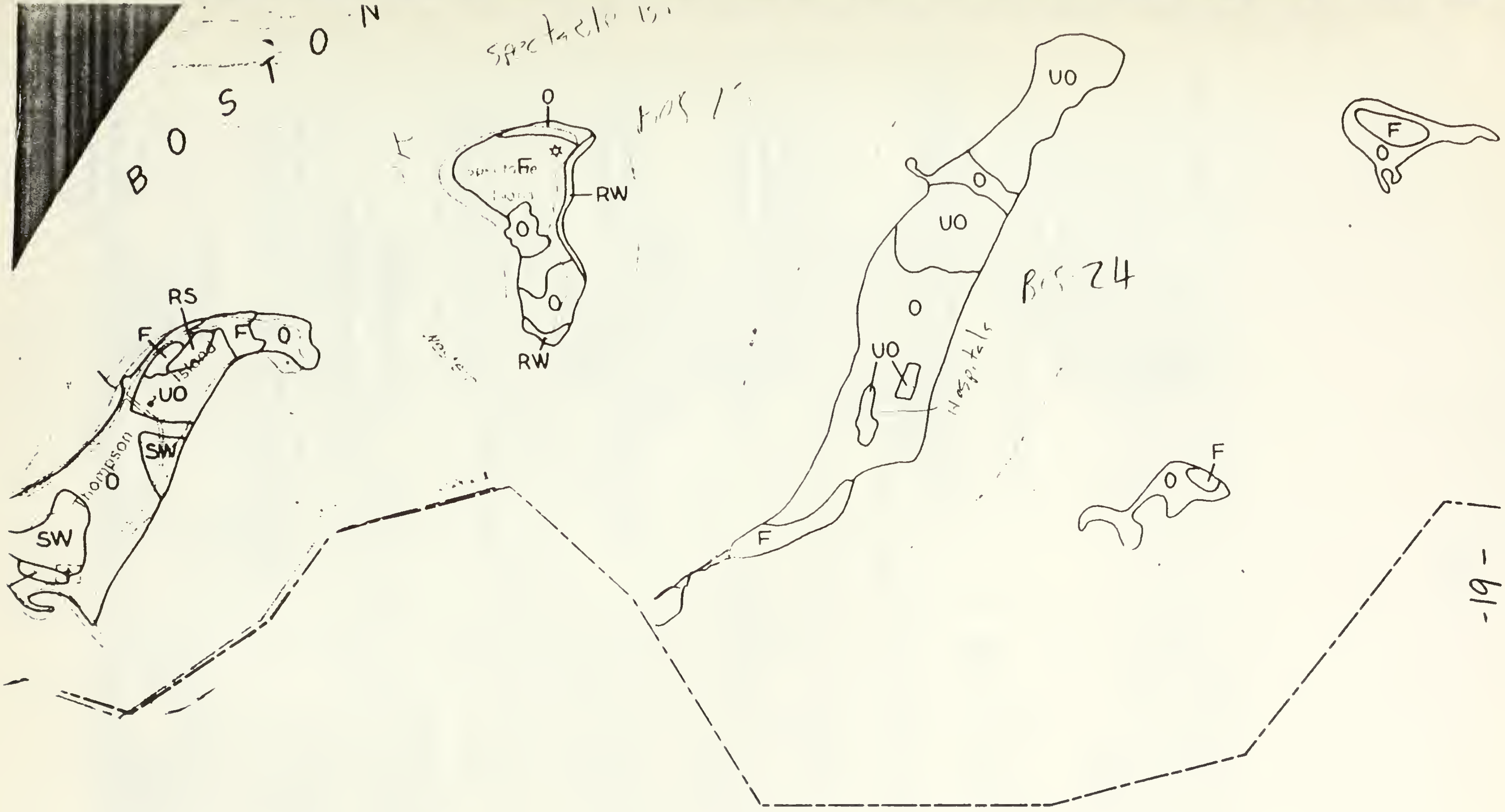
PAGE 1 OF 2

SITE NUMBER: [illegible]

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			[illegible]
○ Base Soil Characteristics	2	1.	[illegible]
○ Topography	3	2.	
○ Depth to Bedrock	2	2.	
○ Potential for on-site Contamination	3	0	[illegible]
ENGINEERING CONSIDERATIONS TOTAL	10	5	
NOISE ENVIRONMENT			
○ Proximity to Sensitive Noise Receptors	6	6.	
○ Proximity to Existing Major Noise Sources	4	3.	[illegible]
NOISE ENVIRONMENT TOTAL	10	9.	
LAND USE			PH
○ Current Site Use	3	3	
○ Neighboring Land Use	3	2.5	
○ Proximity to Sensitive Receptors	2	2	
○ Community Development Objectives	2	2	
LAND USE TOTAL	10	9.5	
CULTURAL RESOURCES			
○ Proximity to Historical Resources	6	0.	likely [illegible]
○ Proximity to Archeological Resources	4	2	[illegible]
CULTURAL RESOURCES TOTAL	10	2	
TRANSPORTATION			
○ Site Rail Access	2	0.	
○ Site Coastal Access	2	1. deepwater access	
○ Site Roadway Access	3	0.	
○ Traffic Operations Level of Service	3	0.	
TRANSPORTATION TOTAL	10	1.	

SITE NUMBER: [illegible]

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			
o Proximity to Surface Water Bodies	3	1.	
o Proximity to 100 Year Flood Zone	2	1. -10%	LD
o Water Quality Classification	5	3. (SB)	
SURFACE WATER TOTAL	10	5.	
GROUND WATER			
o Presence of Aquifer	2	1. – [illegible]	
o Well Yield Potential	4	4.	
o Proximity to Drinking Water Wells	4	4. [illegible]	
GROUND WATER TOTAL	10	9.	
WETLANDS			
o Presence of Wetland On-Site	6	0	
o Proximity to Off-Site Wetlands	4	0 [illegible]	
WETLANDS TOTAL	10	0	
ECOLOGY			
o Presence of Threatened or Endangered Species	4	1 – [illegible] Heron	[illegible]
o Terrestrial Ecology	2	1	
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	6	
AIR QUALITY/ODORS			
o Impact Area Characteristics	3	3	LD
o Dispersion Characteristics			
– Ventillation	2	2	
– Terrain	1	1	
o Existing Air Quality/Source Characteristics			
– Attainment Status	2	1	(NA [illegible])
– Industrial Land Use	2	2	
AIR QUALITY/ODORS TOTAL	10	9	
SITE TOTAL	100	61.5	


BOSTON
Spectacle Is.
BOS 15
BOS 24
Thompson
Island
Spectacle Island
Hospitals
O
UO
SW
F
RS
RW

BOS-26

SITE DATA FILE INDEX RECORD

SITE: Bos-26

	PAGE:	QUALITY ASSURANCE REVIEW
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information		

QA Performed By: JoAnn Ranslow

Date: 8/17/87

REFERENCES
SITE ID BOS-26

1. USGS Topographic Map
Hull, Ma
N4215-W7052.5/7.5
1971
AMS 6868 IV SW-Series V814
Scale 1:24000

2. USFWS Map
Hull, Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Hull, Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Hull, Ma

5. FEMA Flood Map
Flood Insurance Rate Map
Same as ①

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Suffolk County

Performed By: J. Bansk
Date: 8/17/8

REFERENCES CONTINUED
SITE ID B05-26

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Hull
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Hull
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Hull Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Zoning Districts City of Boston
Map 2A
Aug 15, 1962
Adapted by The Zoning
Commission of the City of Boston

Performed By: J. Ransk
Date: 8/17/8

MWRA Map-Level Analysis

Site #: Bos-2

Date: 11-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Hull, MA Site Area (acres): 179 (014)

Site Dimensions (m): Length: 1900 Width: 700

Site Location: UTMx: 4690.5 UTMy: 338.8 UTMz: 50

Site Elevation (ft): Min: 10 Max: 100

General Slope: * [✓ 0-3%] 3-10% 10-20% >20% Direction: N S [✓ E] W

Utilities On-site: [✓ Yes] No Describe: - Sewage Disposal Plant

Comments:
* General Slope: island is flat 0-3% except an incline in the south-center of the site which has a slope 10-20%.
Deer Island. Sewage Disposal on the site.
Fort Dawes on the sight.
Island in Boston Harbor

Air Quality

Highest Terrain (3 km radius): 100

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat Gently Rolling [✓ Coastal] Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	4.0
Commercial/Industrial	<1.0
Other	95

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	✓	
2. Non-Attainment Area		✓
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: BOS 26

Date: 1-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 1A Distance from site(km): .6

Second. Road Name: North St./unnamed Travel Distance(km): .6

Second. Road Name: Winthrop Pkwy/ Win. Shore Dr. Travel Distance(km): 4.9

" : unnamed " : 1.6

Railroad(within 2 km): Yes [✓ No]

Number of Tracks:____ Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): [✓ Yes] No

Name: Boston Harbor Approx. Width:______ Depth:______

Pier/Wharf: [✓ Yes] No Bridges: Yes [✓ No] Clearance:_____

Comments:

Boston Harbor surrounding Deer Island.

Sensitive Receptors (3km)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Shirley St. Sch.	2800	N

Comments:

Logan International Airport is 2300 m to the west of Deer Island. The sewage Disposal plant is on the site.

MWRA Map-Level Analysis Site #: BOS 26

Date: 11-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: MB

Standing Water On-site %: 0

Distance to nearest surface water (km): <.1 (Boston Harbor

Identity of Surface Water: Name/Description	Classification(310 CMR)
Boston Harbor (Broad Sound) (President Roads) (Bost No. Channel)	

Comments:

MWRA Map-Level Analysis Site Location: BOSTON Site #: BOS-26

Date: 11/12/86 Analyst: L. Day

USFWS WETLANDS MAP

Wetlands

On-site:	Acreage	USFWS Code
	2	POW

Off-site(2 km):	Acreage	Distance(m)	USFWS Code
	33	400	E2FL
	35	1200	E2FL

Comments

Acreage –
on site: 2.00
off site: 68.00

MWRA Map-Level Analysis Site Location: BOSTON Site #: BOS 26

Date: 11/5/86 Analyst: SBC

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

	Yield(H, M, L)	Value(gpm)	Percent Coverage
~~NO DATA~~	LL,	< 5 gpm	100%

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
NONE		

Comments:

Off-site(2 km):

Aquifers(list):

	Yield(H, M, L)	Value(gpm)	Percent Coverage
~~NO DATA~~	LL,	<.5 gpm	10%
	L,	<100 gpm	10%
	ocean	—	80%

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
NONE				

Comments:

MWRA Map-Level Analysis Site Location: BOSTON Site #: BOS 26

Date: 11/5/86 Analyst: SBL

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry (m)
NONE		

Comments:

MWRA Map-Level Analysis Site Location: BOSTON Site #: BOS-36

Date: 11/5/86 Analyst: SBC

DEQE WASTE SOURCE MAP

Waste Sources

On-site: [✓ Yes] No

List: sewage disposal - surface impoundment 035 0219 (Deer Isl.)

Off-site: Yes [✓ No]

List: ~~no data~~

Comments: ~~insufficient data (~~ ~~no DEQE map available)~~

MWRA Map-Level Analysis   Site Location: Boston Deer Island   Site #: BOS-26

Date: 11/10/86 1/7/87   Analyst: Ellen Borsuk T. Slocum

FEMA FLOOD MAP -

Floodplain

On-site Percent Coverage: 100 Year: 5%

Comments:

Off-site Distance(m):   100 Year: 0 (coastal)

Comments:

MWRA Map-Level Analysis Site Location: Boston Site #: BOS-36

Date: 12/16/86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
55		40	
50		5	
81 BX		35	
122 DX		10	
5		10	

Comments:

MWRA Map-Level Analysis   Site Location: Hull   Site #: KCS-26

Date: 12-13-86 Analyst: L Day

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna	1	1		

Historical

Number On-site: 0

Number Off-site(1 km): 0

Comments (describe if possible)

Snake Island – Least Tern

MWRA Map-Level Analysis Site Location: Boston Site #: BOS-26

Date: 11/13/86 Analyst: L. Day

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
40	INDUSTRIAL - middle of the site - wa disposal site
	COMMERCIAL
	RESIDENTIAL
60	OPEN/REC - surrounding waste disp site includ open are water rec and spe spa
	FOREST
	AGRICULTURAL

Off-site(1 km):

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
	FOREST
	AGRICULTURAL

100% open waters around site in 1km radius area.

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Boston Harbor – Hull Gut Site #: BOS-26

Date: 12-17-86 Analyst: L Day

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
	INDUSTRIAL
100	COMMERCIAL - Retail bus; offices Deer Is
	RESIDENTIAL
	OTHER

Off-site (1 km):

Percent Coverage	Category
15	INDUSTRIAL – Logan Airport/Spectacle Is
25	COMMERCIAL - retail buss / offices - Southern
	RESIDENTIAL
60	OTHER Boston Harbor

Comments

off site % do not include area N off site – Winthrop.

MWRA Field Survey

Site #: BOS-26 ~~Win-01~~

Date: 12/2 Time: 10:30 Survey Team: Ranslow, Slocum

On-site Land Use(describe)

Deer Island:

Prison, wastewater treatment plant, dog pound

Abutting Land Use(describe)

open ~~saltwater~~, beaches, residential / across Shirley Gut

Sensitive Receptors(additional)

prison -

dog pound ?

MWRA Field Survey Site #: ~~[illegible]~~ B05-26

Date: 12/2 Time: 10:30 Survey Team: Ranslow, Slocum

Noise

General Environment: Quiet [✓ Noisy] Very Noisy

Sources(list): Description Approx. Distance

jets from Logan

General Comments

Include buffers, transportation, water resources etc. Use reverse sic if necessary. Focus on aspects of site not found on data sheets.

Narrow residential roads, off Rt 145, off Rt 1A

Sea access

well buffered by Logan airport, Boston Harbor, and Broad Sound

MWRA Field Survey Site Location:____________ Site #: BOS-26

Date: [illegible] Time: [illegible] Survey Team: [illegible]

PHOTO CHECK LIST

Roll #	Picture #	Description

Comments:

[illegible]

ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#. B-3-26

DATE: 3/23 TIME: 11:30 ANALYST: [illegible] TOWN: Boston

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):

Deer Island

City of Boston [illegible] 7061 -> 7063

Comm. of Mass - MWRA 7065, 7067

US Gov. 7001

Development Proposal for Site (Engineering or Planning Dept.):

- MWRA treatment plant

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

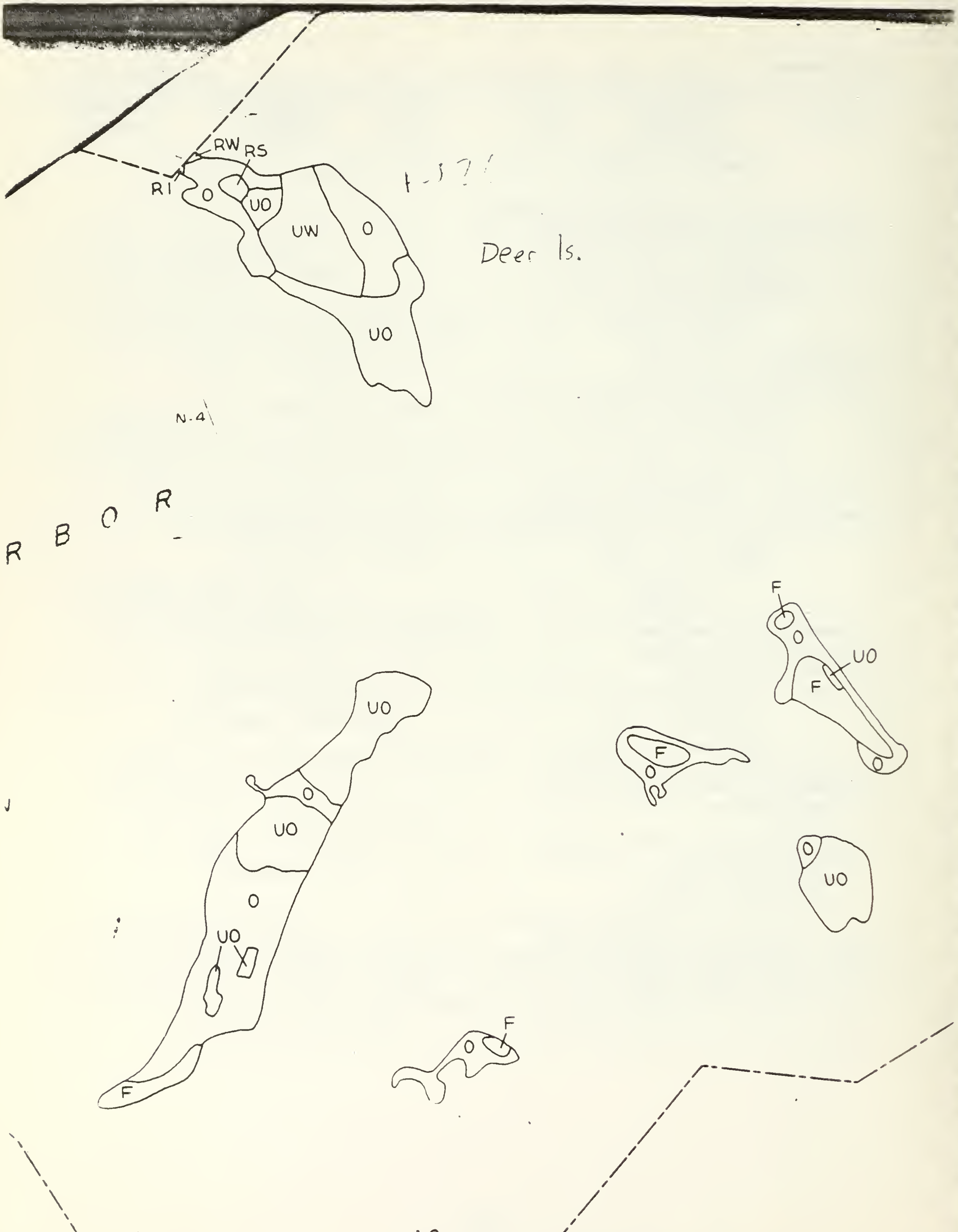
ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

SITE NUMBER: V 26

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
o Base Soil Characteristics	2	2.	
o Topography	3	3.	
o Depth to Bedrock	2	2. *	[illegible]
o Potential for on-site Contamination	3	0. - on-site waste disposal	
ENGINEERING CONSIDERATIONS TOTAL	10	7.	
NOISE ENVIRONMENT			
o Proximity to Sensitive Noise Receptors	6	2. Winthrop	/5
o Proximity to Existing Major Noise Sources	4	3.	[illegible]
NOISE ENVIRONMENT TOTAL	10	5.	
LAND USE			p#
o Current Site Use	3	0	
o Neighboring Land Use	3	2	
o Proximity to Sensitive Receptors	2	2	
o Community Development Objectives	2	1	
LAND USE TOTAL	10	5	
CULTURAL RESOURCES		[illegible]	[illegible]
o Proximity to Historical Resources	6	6.	[illegible]
o Proximity to Archeological Resources	4	4.	
CULTURAL RESOURCES TOTAL	10	10.	
TRANSPORTATION			
o Site Rail Access	2	0.	
o Site Coastal Access	2	2.	
o Site Roadway Access	3	1.	difficult [illegible] through Winthrop
o Traffic Operations Level of Service	3	0.	
TRANSPORTATION TOTAL	10	3.	

SITE NUMBER: ECS-26

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			[illegible]
○ Proximity to Surface Water Bodies	3	1.	
○ Proximity to 100 Year Flood Zone	2	1. - 5%	
○ Water Quality Classification	5	3. [illegible]	
SURFACE WATER TOTAL	10	5	
GROUND WATER			[illegible]
○ Presence of Aquifer	2	2.	
○ Well Yield Potential	4	4.	
○ Proximity to Drinking Water Wells	4	4.	
GROUND WATER TOTAL	10	10.	
WETLANDS			LL
○ Presence of Wetland On-Site	6	4.	
○ Proximity to Off-Site Wetlands	4	[illegible]	
WETLANDS TOTAL	10	4	
ECOLOGY			LL
○ Presence of Threatened or Endangered Species	4	1 - [illegible]	
○ Terrestrial Ecology	2	2.	
○ Aquatic Ecology	4	4.	
ECOLOGY TOTAL	10	7.	
AIR QUALITY/ODORS		3.	LL
○ Impact Area Characteristics	3		
○ Dispersion Characteristics			
- Ventillation	2	2.	
- Terrain	1	1.	
○ Existing Air Quality/Source Characteristics			
- Attainment Status	2	1. NA for CO	
- Industrial Land Use	2	2.	
AIR QUALITY/ODORS TOTAL	10	9	
SITE TOTAL	100	65	


RW
RS
RI
O
UO
UW
O
UO
Deer Is.
N.4
R B O R
F
O
UO
F
O
F
O
O
UO
UO
O
UO
O
UO
F
O
F

LYN-02

SITE DATA FILE INDEX RECORD
SITE: Lynn-02

	PAGE:	QUALITY ASSURANCE REVIEW
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16-19	✓
IV. Site Screening Criteria:		
1. Scoring Form	20-21 ~~17-18~~	
Land Use Map Copy for Site	22	✓
Miscellaneous Information		

QA Performed By: P Mc[illegible]

Date: 08/7/87

REFERENCES
SITE ID Lynn-02

1. USGS Topographic Map
Lynn Ma
N4222.5-W7052.5/7.5
1970
AMS 6555 IV NW-Series V814
Scale: 1:25000

2. USFWS Map
Lynn Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Lynn Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Lynn Ma

5. FEMA Flood Map
Flood Insurance Rate Map
Lynn Ma
N4222.5-W7052.5/7.5
1970
AMS 6368 IV NW-Series V814

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Essex County

Performed By:

Date:

REFERENCES CONTINUED
SITE ID Lynn-02

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC -- Historical Registry Inventory
Town: Lynn
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Lynn
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Lynn Mas
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
City Of Lynn
Lynn City Planning Board 782
City Engineer's Office
Lynn Ma.

Performed By: [illegible]

Date: 03/[illegible]

MWRA Map-Level Analysis

Site #: LYNN-0

Date: 11-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: LYNN, MA Site Area(acres): 87 (DN)

Site Dimensions(m): Length: 1200 Width: 400

Site Location: UTMx: 4701.5 UTMy: 339 UTMz: 10

Site Elevation(ft): Min: 10 Max: 10

General Slope: [✓ 0-3%] 3-10% 10-20% >20% Direction:? N [✓ S] E W

Utilities On-site: Yes [✓ No] Describe:

Comments:

(Boundary uncertain)
several buildings on site
Sits on Lynn Harbor.

Air Quality

Highest Terrain(3 km radius): 220

Greater than 5 peaks 100 ft. above site elevation: [✓ Yes] No

Topographical Characteristics: Flat Gently Rolling [✓ Coastal] Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	35
Commercial/Industrial	5.0
Other	60

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area		X
2. Non-Attainment Area	X	
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: LYNN-02

Date: 11-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 107 Distance from site(km): 1.1

Second. Road Name: Commercial St. Travel Distance(km): 1.3

Second. Road Name: unnamed Travel Distance(km): .1

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 4 Station/Terminal: [✓ Yes] No

Navigable Waterways(adjacent): [✓ Yes] No

Name: Lynn Harbor Approx. Width: 1.1 km Depth: 5-21

Pier/Wharf: Yes [✓ No]? Bridges: Yes [✓ No] Clearance:_____

Comments:
Site boarder w/ Harbor is set back <.1 km from Lynn Harbor. on site southern edge.

S.R.

#	Distance
0	0 - 1/2 km
2	1/2 - 1 km
26	1 - 2 km
23	2 - 3 km.

Sensitive Receptors (3km.)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Church	900	N
Vocational Tech. High Sch.	900	N
Connery Sch.	1300	N
washington Sch.	1200	N
4 church	1200	N
Cardinal Cushing Center	1400	N
Comments: 6 Church	1400	N
St. Marys High Sch/Church	1500	N
2 church	1500	N
Breed Sch	1500	N
Classical High Sch/Church	1600	N
Church	1700	N

more →

Sensitive Receptors (cont.)

Name / Description	Distance (meters)	Quadrant (N, S, E, W
5 church	2000	N
O'Keefe Sch.	2000	N
Cobbet Jr. High Sch.	2000	N
Harrington Sch.	2100	N
2 church	2100	N
Lincoln Sch	2500	N
Sacred Heart Sch.	2300	N
Tracy Sch.	2200	N
Sewall Anderson Sch.	2800	N
Mt. Pleasant Hosp.	2400	N
Lynn Hosp.	2200	N
Frazier Field	2600	N
Highland Sch.	2400	N
St. Josephs Sch./Church	2300	N
3 church	2500	N
Ingalls Sch.	2800	N
Church	2800	N
3 church	2200	N
Memorial Park	3000	N
2 church	2000	E
2 church	2300	E
Brickett Sch.	2700	E
2 church	2800	E
Roosevelt Sch.	1200	S
Church	1300	S
church	1700	S
Ballard Sch.	2700	W
Saugus Gen. Hosp.	2900	W
Isolation Hosp.	2800	W
Callahan Sch.	2900	W
Burrill Sch.	2400	W
St. Michaels Sch	1400	W
St. Patricks Sch.	1300	W

MWRA Map-Level Analysis Site #: LY443-C

Date: 11-11-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: NS-62

Standing Water On-site %: 0

Distance to nearest surface water (km): <.1 (Lynn Harbor)

Identity of Surface Water: Name/Description Classification(310 CMR)

Lynn Harbor
Saugus River
Pines River
Wetlands (s-w)
Nahant Bay

Comments:

MWRA Map-Level Analysis Site Location: Lynn Site #: LYN-02

Date: 11/17/86 Analyst: L.Day

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
10	EMERGENT WETLANDS OBSERVED 6/15/87 BY FMS+LD

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
30	800	E2FL
6	1200	E2BB
8	1000	E2EM
10	1400	E2FL
10	1600	E2FL
40	1600	E2EM
15	1800	E2FL

Comments

Acreage -
on site: ~~0.00~~ 10
off site. 119.00

DN

MWRA Map-Level Analysis Site Location: Lynn Site #: LYN-02

Date: 12/12 Analyst: TmS

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

	Yield(H, M, L)	Value(gpm)	Percent Coverage
L,	<100	gpm	100%

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
None		

Comments:

Off-site(2 km):

Aquifers(list):

	Yield(H, M, L)	Value(gpm)	Percent Coverage
LL,	<5 gpm	5%	
L,	<~~400~~100 gpm	45%	
M,	100-300 gpm	10%	
ocean		40%	

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N, S, E, W)	Depth to Water Table(ft)
None				

Comments:

MWRA Map-Level Analysis Site Location: Lynn Site #: LYN-02

Date: 12/13 Analyst: T. Slocum

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
None w/i 2 km of site		

Comments:

MWRA Map-Level Analysis Site Location: LYNN Site #: LYN:02

Date: 12/12 Analyst: Tms

DEQE WASTE SOURCE MAP

Waste Sources

On-site: [✓ Yes] No

List:

closed landfill/dump	163 001 D
NPDES Discharge	

Off-site: [✓ Yes] No

List:

Haz waste site under investigation	163 003 A	200 m NE
"	163 005 A	1100 m NE
"	163 004 A	1000 m W
"	163 002 A	1500 m W

Comments:

surface impoundment	163 001 D	700 m NE
NPDES discharge		1400 m W
"		1100 m W
Junkyard		1500 m W

MWRA Map-Level Analysis Site Location: Lynn Site #: LYN 02

Date: 1/7/87 Analyst: T. Slocum

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 25%

Comments:

Off-site Distance(m): 100 Year: 0 a Lynn Harbor)

Comments:

MWRA Map-Level Analysis Site Location: Lynn Site #: LYN-02

Date: 12/4/86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
Ur		35	
Dv		65	

C

Comments:

MWRA Map-Level Analysis Site Location: Lynn Site #: LYN-02

Date: 11/21/86 Analyst: L Day, D Neal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 0

Comments (describe if possible)

NO Rare Species

MWRA Map-Level Analysis Site Location: LYNN Site #: LYN-02

Date: 11/12/86 Analyst: S. CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
80	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
	FOREST
	AGRICULTURAL
20	SALT WETLAND

Off-site(1 km):

Percent Coverage	Category
30	INDUSTRIAL
	COMMERCIAL
15	RESIDENTIAL
	OPEN/REC
	FOREST
	AGRICULTURAL
45	WATER
10	SALT WETLAND

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Lynn Site #: Lyn-0[illegible]
Date: 11/27 Analyst: P. Heidell

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
100	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
35	INDUSTRIAL
5	COMMERCIAL
10	RESIDENTIAL
50	OTHER (water)

Comments

Site is abutted by water to the east and south. To the west and north lands are zoned heavy industry

MWRA Field Survey Site #: LYN-02

Date: # 12/2 Time: 9:20 Survey Team: Ranslow, Slocum

On-site Land Use(describe)

Wastewater Treatment Plant

Truck parking (behind West Lynn Creamery)

open (possibly an old, closed landfill?)

* Drive in theater is no longer in operation

Abutting Land Use(describe)

Industrial - West Lynn Creamery, Junkyard

Sensitive Receptors(additional)

~~[illegible]~~ playground @ Bennett & Commercial ~600 m

MWRA Field Survey

Site #: LYN 02

Date: 12/2 Time: 9:20 Survey Team: Ranslow, Slocum

Noise

General Environment: Quiet Noisy [✓ Very Noisy]

Sources(list): Description Approx. Distance

Lynnway (Rt 1A) - abutts site
noise from dairy trucks
airplanes from Logan

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

well buffered by ocean, Lynnway, & industrial development
Transportation: Rt 1A, also, Lynn Harbor
Heavy traffic (both cars & trucks)

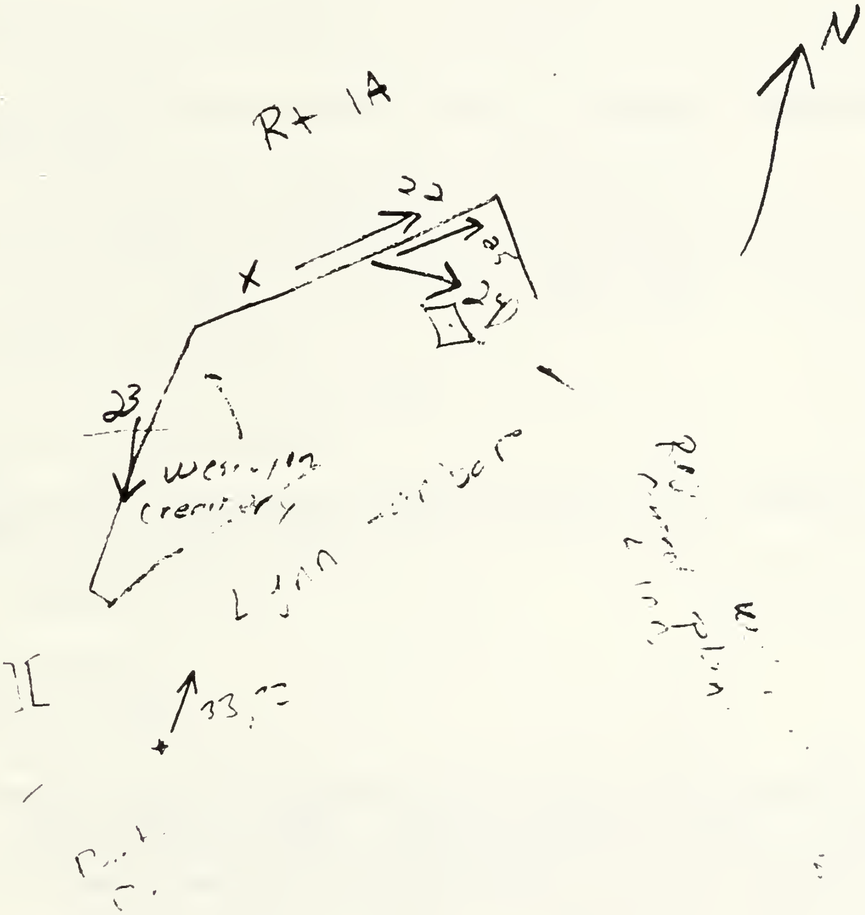
MWRA Field Survey Site Location: Lynn Site #: Lyn-02

Date: 12/2/86 Time: 9:15 Survey Team: Ranslow Slocum

PHOTO CHECK LIST

Roll #	Picture #	Description
K	22, 23, 24, 25	
	32, 33	
	3	[illegible]

Comments:



ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: LYN -02

DATE: 3/20 TIME: 3PM ANALYST: Freeman TOWN: LYNN

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):
Site appears to be the following parcel's:

Block	Parcel		
752	27	West Lynn Creamery Realty Corp 626 Lynnway Lynn 01902	10.383 acres
	28	Lynn Marine Industrial Park, Inc 50 Central Square Lynn 01901	[illegible] acres
	26 33	Lynn Water and Sewer Commission	11.[illegible] acres 0.733 "
	58	Not determined	10.[illegible] acres
	23 53 55 25 54 56	Lynn Marine Industrial Park	5.254 acres

Site delineated on attached Assessors sheets

Development Proposal for Site (Engineering or Planning Dept.):

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

Contiguous properties are developed with businesses along Lynnway or City sewerage plant. Lynn Harbor borders site on east.

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

N/A

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

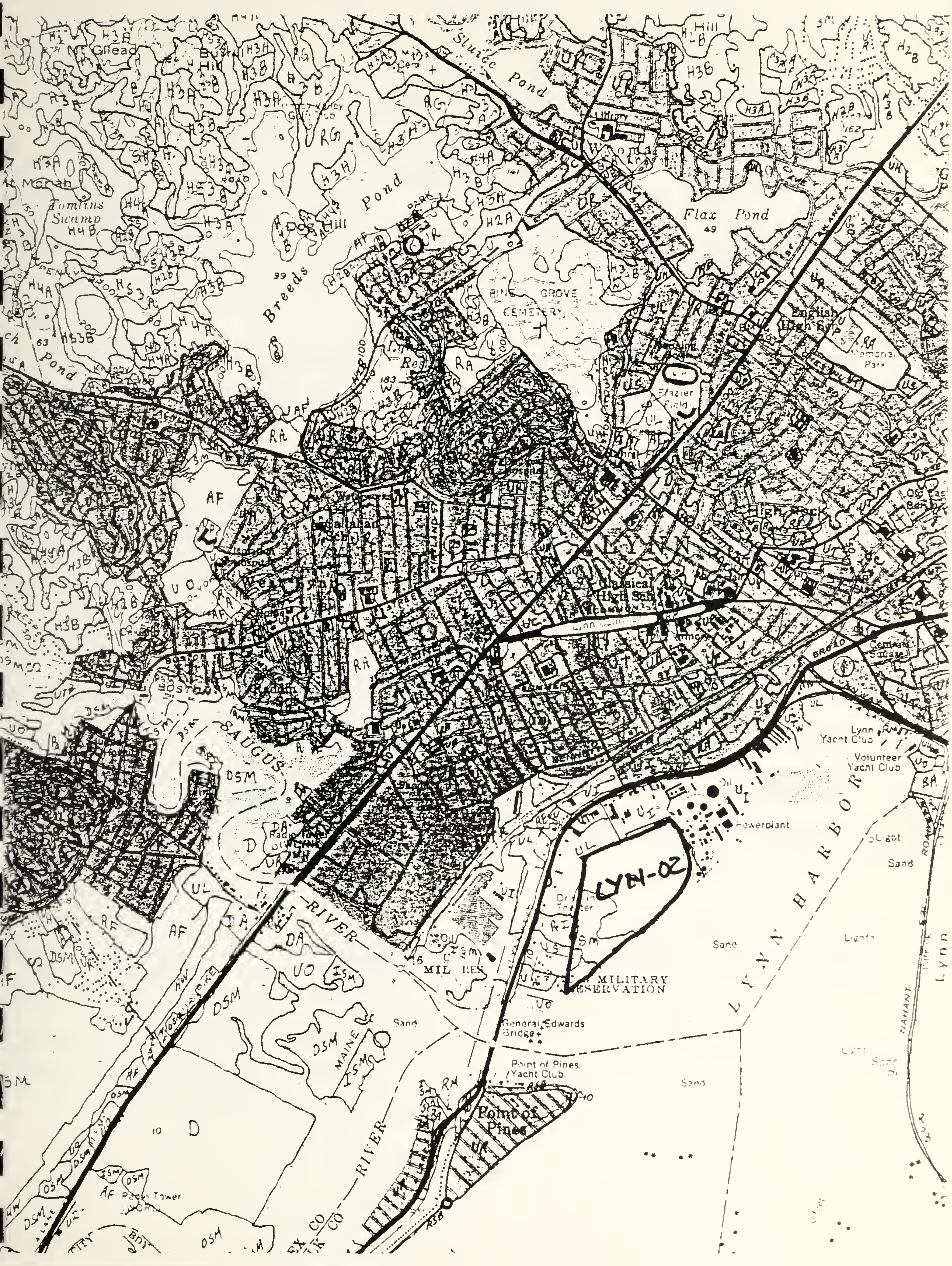
SITE NUMBER: LYN-62

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
o Base Soil Characteristics	2	0.	TS/LD
o Topography	3	3.	
o Depth to Bedrock	2	1.	
o Potential for on-site Contamination	3	0.	
ENGINEERING CONSIDERATIONS TOTAL	10	4.	
NOISE ENVIRONMENT			
o Proximity to Sensitive Noise Receptors	6	5.	TS/LD
o Proximity to Existing Major Noise Sources	4	4.	
NOISE ENVIRONMENT TOTAL	10	9.	
LAND USE			PH
o Current Site Use	3	2	
o Neighboring Land Use	3	3	
o Proximity to Sensitive Receptors	2	1	
o Community Development Objectives	2	2	
LAND USE TOTAL	10	8	
CULTURAL RESOURCES			TS/LD
o Proximity to Historical Resources	6	6.	
o Proximity to Archeological Resources	4	4.	
CULTURAL RESOURCES TOTAL	10	10.	
TRANSPORTATION		off-site within 1/2 km	
o Site Rail Access	2	1.	
o Site Coastal Access	2	2.	
o Site Roadway Access	3	3.	
o Traffic Operations Level of Service	3	0.	
TRANSPORTATION TOTAL	10	6.	

SITE NUMBER: PAGE 2 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			
○ Proximity to Surface Water Bodies	3	1.	TS/LD
○ Proximity to 100 Year Flood Zone	2	0	
○ Water Quality Classification	5	3. (SB)	
SURFACE WATER TOTAL	10	4.	
GROUND WATER			
○ Presence of Aquifer	2	0.	TS/LD
○ Well Yield Potential	4	2.	
○ Proximity to Drinking Water Wells	4	4.	
CROUND WATER TOTAL	10	6.	
WETLANDS			
○ Presence of Wetland On-Site	6	2,	Changed from field observations on site wetlands on
○ Proximity to Off-Site Wetlands	4	0.	
WETLANDS TOTAL	10	2.	
ECOLOGY			
○ Presence of Threatened or Endangered Species	4	4.	
○ Terrestrial Ecology	2	2	
○ Aquatic Ecology	4	4.	
ECOLOGY TOTAL	10	10.	
AIR QUALITY/ODORS			
○ Impact Area Characteristics	3	1.	TS/LD
○ Dispersion Characteristics			
– Ventillation	2	2.	
– Terrain	1	1.	
○ Existing Air Quality/Source Characteristics			
– Attainment Status	2	1. NA TSP	
– Industrial Land Use	2	2.	
AIR QUALITY/ODORS TOTAL	10	7.	
SITE TOTAL	100	66	

MAL-01


Gilead
Hill
Sluice Pond
Library
Flax Pond
Tomlins Swamp
Breeds Pond
Dog Hill
Pine Grove Cemetery
English High Sch
Memorial Park
Frazier Field
High Rock
Classical High Sch
Central Square
Lynn Yacht Club
Volunteer Yacht Club
Oil
Powerplant
LYN-02
Drive-in Theater
Radio Tower
Saugus River
Military Reservation
General Edwards Bridge
Point of Pines Yacht Club
Point of Pines
Lynn Harbor
Maine
Sand
Nahant
Lynn
City Bdy
River

SITE DATA FILE INDEX RECORD

SITE: mal-01

	PAGE:	QUALITY ASSURANCE REVIEW
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	
II. Field Survey:		
1. Data Forms	13-14	
2. Photo Check List	15	
III. Assessor Office Investigation:		
1. Data Form	16	
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site		
Miscellaneous Information	19-20	✓

memo - Joe Freeman
Subject - [illegible] mal-0

QA Performed By: P Marl

Date: [illegible]

REFERENCES
SITE ID Mal-01

1. USGS Topographic Map
Boston North Ma
N4222.5 - W7100775
1971 Photo[illegible] 1979
AMS 6768 [illegible]

2. USFWS Map
Boston North Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Boston North Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Boston North Ma

5. FEMA Flood Map
Flood Insurance Rate Map
City of Malden
Middlesex County
250202 0001B
May 19 1987

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Middlesex County

Performed By: [illegible]

Date: [illegible]

REFERENCES CONTINUED
SITE ID MAL-01

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Malden
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Malden
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Boston North, Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
City of Malden
Malden Planning Board
Feb [illegible] 1987

Performed By: F. [illegible]

Date: 03 [illegible] 5

MWRA Map-Level Analysis Site #: MAL-01

Date: 3/31/87 Analyst: L Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Boston North, MA Site Area (acres): 47

Site Dimensions (m): Length: .3 Width: .7

Site Location: UTMx: 4700.4 UTMy: 333.6 UTMz: 50

Site Elevation (ft): Min: 40 (?) Max: 100

General Slope: 0-3% ?? [✓ 3-10%] 10-20% >20% ~~Direction~~: N S E W

Utilities On-site: Yes [✓ No] Describe:

Comments:

Site is the Rowe Quarry, of Malden, MA

Air Quality

Highest Terrain (3 km radius): 260

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	50
Commercial/Industrial	20
Other	30

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area (cannot be classified)	X	X
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: Mal-01

Date: 3/31/87 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: Rt 1 Distance from site(km): .1

Second. Road Name: unnamed Travel Distance(km): .3

Second. Road Name: ______ Travel Distance(km): ______

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 1 Station/Terminal: [✓ Yes] No

Navigable Waterways(adjacent): Yes [✓ No]

Name: ______ Approx. Width: ______ Depth: ______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance: _____

Comments:

Sensitive Receptors (3km)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
church	900	N
Playground	1000	N
Golf course	500	N
Mt. Hood Memorial Park	500	N
church	900	N
Saugus High Sch /church	2200	N
~~Comments:~~ Jr. High Sch	2000	N
Waybright Sch/church	2600	N
Sch	2500	N
sch / church(3)	2900	N
Veterens Mem Sch	2000	E
Felton sch.	150	E
sch.		
Saugus Race Track	1000	E

sch / Church (2)	1200	E
church	1400	E
Church / Sweetser Sch.	1600	E
Emerson Sch	2400	E
Church/ Saugus general Hospital /Ballard Sch.	3000	E
Church (2)	1000	S
Park / church / Revere Memorial Hospital / Buchebach Sch.	3000	S
Barrows Sch./ Church	2900	S
Lincoln Sch	2800	S
Wehner Park.	2600	S
Hospital / church	1900	S
Layfayette sch	2900	S
McGrann Playground	3000	W
Sch.	1100	W
Browne Sch.	1500	W
St. Josephs Sch / sch / church / Trafton Park	1700	W
church	1900	W
church (3)	2300	W
High school / Sch.	2400	W
Forestdale sch.	2500	W
City Infirmary	2600	W
Winthrop Sch / church (2)	3000	W
Pine Banks Park	2900	W
Daniels Sch	2800	W

MWRA Map-Level Analysis Site #: MAL-C-1

Date: 3/3/87 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names:

Standing Water On-site %: 0

Distance to nearest surface water (km): <.1 (small pond)

Identity of Surface Water: Name/Description Classification(310 CMR)

(2 km)

Towners Pond
Swains Pond
Long Pond
Fiske Brook
Seaplane Basin
Pines Creek
Diamond Creek

(9 unnamed ponds)

Comments:

MWRA Map-Level Analysis   Site Location: Boston North   Site #: MAL-01

Date: 4/3/87   Analyst: L. Day

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
1	POWX
2	POWX
1	POWX

Off-site(2 km):*

Acreage	Distance(m)	USFWS Code
4	1400	PEM/OW
8	1200	PEM
13	1600	PEM
2	800	E1OW
12	600	E2EM
80	900	E1OW
43	800	E2EM
2	300	POW X
11	600	PEM
5	700	PSS1/EM
3	400	PSS1/EM
2	1600	PEM
1	1900	PEM
4	1600	POW
3	1800	POW
3	1,700	POW
7	1900	POW
15	1800	POW
6	1600	PSS1
2	1300	PEM
1	1400	POW
3	1800	PSS1/EM
4	2000	PSS/EM
>200	800	E2EMd

Comments

* MEASURED FROM CENTER OF SITE

MWRA Map-Level Analysis   Site Location: B. Noth   Site #: MAC-01

Date: 4/7/87   Analyst: L. Day

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
100% LL$_1$		

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)

NO ON SITE wells

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
M$_1$		10%
L$_1$		50%
LL$_1$		40%

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)

No well data w/in 2 km

Comments:

MWRA Map-Level Analysis Site Location: B. North Site #: WAL-01

Date: 4-7-87 Analyst: L Day

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
No Reservoirs w/in 2 km.		

Comments:

MWRA Map-Level Analysis Site Location: Boston North Site #: MAL-01

Date: 4/6/87 Analyst: L. Day

DEQE WASTE SOURCE MAP

Waste Sources (2km.)

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List:

700m. NW	Closed landfill/dump	33B 178 001-C
1100 m. W	Closed landfill/dump	33B-665 001F.

Comments:

MWRA Map-Level Analysis   Site Location: Boston North   Site #: MAL-01

Date: 3/31/87   Analyst: T. Slocum

No maps — Tom evaluated from site visit and assumptions from engineers' report notes.

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m):   100 Year: 250 – 300 m E.

Comments:

MWRA Map-Level Analysis Site Location: Malden Site #: ML-01

Date: 12-11-86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:

Type	Percent Coverage	Drainage Class

Comments: Quarry —
No soils data —

MWRA Map-Level Analysis   Site Location: B. Nutt   Site #: MAL01

Date: 4/7/92   Analyst: L. Day

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 2   100 m   S   # 33
200 m   S   # 34

Comments (describe if possible)

[illegible]

MWRA Map-Level Analysis Site Location: Boston North Quad Site #: MAL-01

Date: 3/31/87 Analyst: L Day

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
	FOREST
	AGRICULTURAL
100	Mining/quarry

Off-site (1 km):

Percent Coverage	Category
	INDUSTRIAL
10	COMMERCIAL
40	RESIDENTIAL
5	OPEN/REC
20	FOREST
	AGRICULTURAL
25	wetlands

Comments: Presence of buffers, abutting land use, etc.

Abutting: East: NE - forest - 200m then residential
E - open - 100 m then residential
SE - residential - 100 m. then forest
West: Rt. 1 and then 200 m. forest and then resident
South: forest for 50 m then residential
North: Forest for 200 m. then residential

Key: Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: B. North Site #: MAL-01

Date: 4-7-92 Analyst: L. Day

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
100	OTHER - Highway business

Off-site(1 km):

Percent Coverage	Category
15	INDUSTRIAL – south of site along RR.
10	COMMERCIAL – along Rt. 99 – industrial business.
35	RESIDENTIAL
	OTHER

Comments

Only 60% of 1km land included in above
E. Melrose, Malden zoning not available

MWRA Field Survey Site #: MAL-01

Date: 4/10 Time: 12:30 Survey Team: Ranslaw [illegible]

On-site Land Use(describe)

Rowe Contracting Co. Broken Stone quarry
- extensive stone quarry

Abutting Land Use(describe)

Transportation (Rt 1) on west - south, residential and marshes to east. , Light (sparse) residential to north

Sensitive Receptors(additional)

A nursing home on Lincoln Ave, about 1/2 km east

MWRA Field Survey   Site #: MAL-01

Date: 4/10   Time: 1230   Survey Team: Slocum, Rardon

Noise

General Environment: Quiet [✓ Noisy] Very Noisy

Sources(list): **Description** **Approx. Distance**

Rt 1 traffic,
quarry noises

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

Site is well buffered - Rt 1 is nearby to W & S.

~~[illegible]~~ Site is excavated into a big hill ~~so~~, which ~~there~~ would shield operation from all receptors.

Access: on exit [illegible] Rt 1 ~~goes~~ right into site entrance

May also be able to develop ~~[illegible]~~ sea access from Saugus River

MWRA Field Survey		Site Location: Malden		Site #: Mal-01

Date: 4/10/87 Time: ________ Survey Team: Ranslow, Slocum

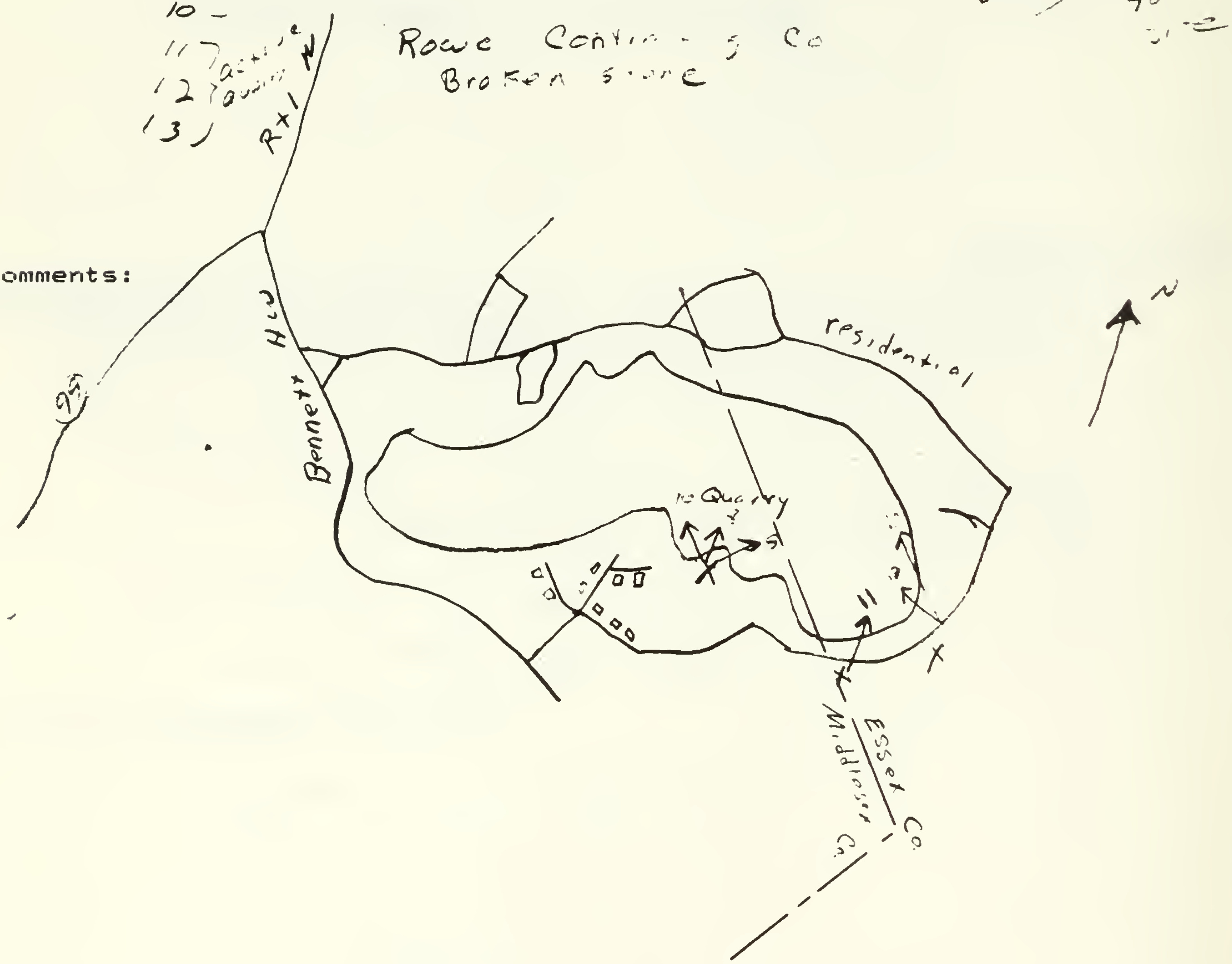
PHOTO CHECK LIST

Roll #	Picture #	Description
R-5	8	- Sign [illegible] No Trespassing
	9	- into Quarry
	10	-
	11	active quarry
	12	
	13	

6, 7 not related to site

Rowe Contracting Co
Broken stone

Comments:



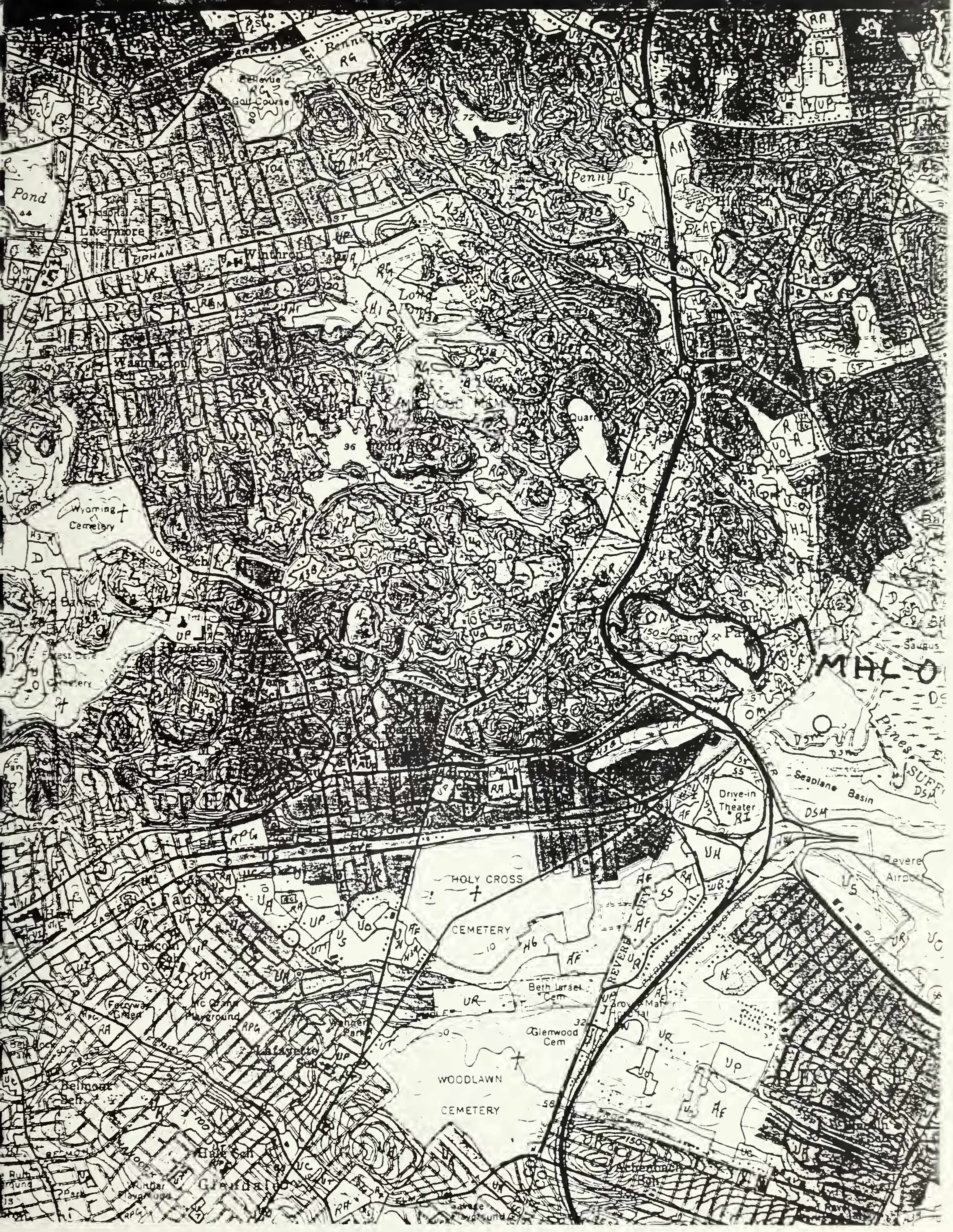
PAGE 1 OF 2

SITE NUMBER: MAL-01

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			LD
o Base Soil Characteristics	2	0 - quarry	
o Topography	3	2 -	
o Depth to Bedrock	2	0 -	
o Potential for on-site Contamination	3	2	
ENGINEERING CONSIDERATIONS TOTAL	10	4	
NOISE ENVIRONMENT			LD
o Proximity to Sensitive Noise Receptors	6	4 - [illegible] to the SitE - but buffered by high walls of [illegible]	
o Proximity to Existing Major Noise Sources	4	4 - Rt. 11 traffic	
NOISE ENVIRONMENT TOTAL	10	9	
LAND USE			-developed out of quarry
o Current Site Use	3	0	
o Neighboring Land Use	3	1.5	
o Proximity to Sensitive Receptors	2	1	
o Community Development Objectives	2	1.5	
LAND USE TOTAL	10	[illegible]	
CULTURAL RESOURCES			LD
o Proximity to Historical Resources	6	3	
o Proximity to Archeological Resources	4	4 - completely [illegible] land - [illegible]	
CULTURAL RESOURCES TOTAL	10	7	
TRANSPORTATION			LD
o Site Rail Access	2	1 - 1/2 km SE [illegible]	
o Site Coastal Access	2	0	
o Site Roadway Access	3	2 - residential [illegible]	
o Traffic Operations Level of Service	3	1	
TRANSPORTATION TOTAL	10	4	

SITE NUMBER:

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			LD
o Proximity to Surface Water Bodies	3	2	(couldn't verify small pond on topo)
o Proximity to 100 Year Flood Zone	2	2	(assumed)
o Water Quality Classification	5	3	(saline)
SURFACE WATER TOTAL	10	7	
GROUND WATER			LD
o Presence of Aquifer	2	2	
o Well Yield Potential	4	4	
o Proximity to Drinking Water Wells	4	4	
GROUND WATER TOTAL	10	10	
WETLANDS			LD
o Presence of Wetland On-Site	6	5	(very small wetland on site - questionable
o Proximity to Off-Site Wetlands	4	0	
WETLANDS TOTAL	10	5	
ECOLOGY			LD
o Presence of Threatened or Endangered Species	4	4	
o Terrestrial Ecology	2	2	
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	10	
AIR QUALITY/ODORS			LD
o Impact Area Characteristics	3	1	
o Dispersion Characteristics			
- Ventilation	2	1	quarry low lying - open end & facing E - inland winds -> bad ventilation on-site.
- Terrain	1	0	
o Existing Air Quality/Source Characteristics			
- Attainment Status	2	2	
- Industrial Land Use	2	1	
AIR QUALITY/ODORS TOTAL	10	5	
SITE TOTAL	100	64	


Bellevue
Golf Course
RG
Penny
Pond
Livermore
Sch
Winthrop
MELROSE
Washington
Sch
Long
Pond
Quarry
96
Wyoming
Cemetery
Forest Dale
Cemetery
Quarry
Saugus
MHL-O
Pines
Seaplane Basin
DSM
Drive-in
Theater
RI
Revere
Airport
BOSTON
HOLY CROSS
CEMETERY
EASTERN
Lincoln
Beth Israel
Cem
Glenwood
Cem
WOODLAWN
CEMETERY
REVERE
Fairway
Green
Playground
Lafayette
Belmont
Sch
Glendale
Savage
Playground
RPG
UP
AF
UR
RA
US
UH

QUI-07

SITE DATA FILE INDEX RECORD
SITE: QUI-07

	PAGE:	QUALITY ASSURANCE REVIEW:
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19-20	✓
Miscellaneous Information Memo - Dept. of Envi. Quality Engineering	21-23	✓

QA Performed By: P. Margl

Date: 08/17/87

REFERENCES
SITE ID Qui-07

1. USGS Topographic Map
   Weymouth, MA
   N4203.5 - W7052.5/7.5
   1971 Photorevised 1979
   AMS 6368 III NW - Series V814

2. USFWS Map
   Weymouth, MA
   Aerial Photography
   Date: 4/77
   Scale: 1:80,000
   Type: B-W

3. DEQE Groundwater Map
   MA DEQE/Division of Water Supply
   1982 Water Source and
   Aquifer Information Overlay
   Quad: N/A

4. DEQE Waste Source Map
   MA DEQE/Division of Water Supply
   1982 Waste Source and
   Drainage Basin Overlay
   Quad: Weymouth, MA

5. FEMA Flood Map
   Flood Insurance Rate Map
   Town of Quincy, MA
   Norfolk Co
   Map Index 0016 B
   Community No. 255219
   rev. 12/4/85

6. USDA/SCS Map
   United States Department of Agriculture
   1937 Soils Conservation Service Soil Survey
   Norfolk Co.

Performed By: L. Gay
Date: 8/12/87

REFERENCES CONTINUED
SITE ID __________

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Quincy, MA
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Quincy, MA
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Weymouth, MA
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Quincy Zoning Map
Council Order No. 63
March 22, 1971
Rev. 6-9-86
Council Order 208

Performed By: L. Eay
Date: 8/17/87

MWRA Map-Level Analysis Site #: QU1-07

Date: 12/12/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Weymouth Site Area (acres): 150 ~~[illegible]~~ OK

Site Dimensions (m): Length: 1000 Width: 600

Site Location: UTMx: N 337.0 UTMy: E 4678.2 UTMz: _______

Site Elevation (ft): Min: 10 Max: 50

General Slope: [✓ 0-3%] 3-10% 10-20% >20% Direction: N S [✓ E] W

Utilities On-site: Yes [✓ No] Describe:

Comments: Site is the Quincy Shipyard

Air Quality

Highest Terrain (3 km radius): 210

Greater than 5 peaks 100 ft. above site elevation: [✓ Yes] No

Topographical Characteristics: Flat Gently Rolling [✓ Coastal] Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	75
Commercial/Industrial	5.0
Other	20

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area		
2. Non-Attainment Area	✓	✓
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis   Site #: QUL-07

Date: 12/12/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: Rte. 53 + 3A Distance from site(km): 0.6

Second. Road Name: — Travel Distance(km): —

Second. Road Name: E. Howard St. Travel Distance(km): 0.2

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 1 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): [✓ Yes] No

Name: Weymouth Fore River Approx. Width: 300 m Depth: 22 ft.

Pier/Wharf: [✓ Yes] No Bridges: Yes [✓ No] Clearance: _____

Comments:

Track ends on site. Numerous docks on site.

Sensitive Receptors

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Snug Harbor School	1800	N
Hunting School	2600	N
St. Joseph's School	900	N
Bicknell School	2000	E
~~Comments:~~		
St. Jerome's School	2800	E
Johnson School	2200	E
Adams ~~&~~ School	2700	E
Watson School	1400	& S

Lincoln School	1400	S
Ross School	1000	S
Fore River Field	1000	N
Beals Park	2000	E
Athletic Field	2000	S
Watson Park	1800	S
East Jr. High School	2600	S
Perkins School	2300	S
Sacred Heart School	2400	S
Central Jr. High School	3000	S
Hunt School	3000	S
Eldridge School	2700	S
Webb Park	2200	S
St. Thomas Mores School	2400	W
Archbishop Williams High Sch.	2800	W
Faxon Park	1700	W
Adams School	2000	W
St. Coletta's School	2700	W
St. John's School	2200	W
John Hancock School	3000	W
Pollard School	800	W
Quincy Pt. JR High Sch.	1200	W

etc

MWRA Map-Level Analysis Site #: QUI-07

Date: 12/12/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Surface Water

WF-21

Drainage Basin Names: ~~Boston Harbor Drainage System~~

Standing Water On-site %: 0.0

Distance to nearest surface water (km): <0.1

Identity of Surface Water:

Name/Description	Classification(310 CMR)
Quincy Bay	SA
Town River Bay	
Weymouth Fore River	
Cranberry Pond	
Monatiquot River	
Hayward Creek	
Bents Creek	
9 unlabeled ponds	

Comments:

MWRA Map-Level Analysis Site Location: Weymouth Quad Site #: QUI-07

Date: 12-18-86 Analyst: L Day

USFWS WETLANDS MAP

Wetlands

On-site:	Acreage	USFWS Code

NO ON SITE

Off-site(2 km):	Acreage	Distance(m)	USFWS Code
	25	900	E2FLN
	10	1300	E2FLN
	10	1800	E2FLN
	12	1500	E2EM
	± 220	200 → 2000	E1OWL
	2	1800	PEM
	35	800	E2FLN
	3	1900	E2FLN
	2	1900	E2FLN
	20	1700	E2EMPd
	5	1600	E2FLN
	3	1800	E2EMP
	2	900	POWZ
	9	1000	POWZ
	15	1200	PFO1E
	3	1300	POWZ
	4	1200	POWZ
	1	1900	POWZ
	3	1500	POWZ
	2	1600	POWZ

Comments

Acreage –
on site · 0.00
off site · 386.00

MWRA Map-Level Analysis   Site Location: Quincy Shipyard Site #: QUI-07

Date: 7/17/86 Analyst: TMS

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage

area is not mapped by USGS

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)

None

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage

Area has not been mapped by USGS

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)

None w/i 2 km of site

Comments:

MWRA Map-Level Analysis Site Location: Quincy Shipyard Site #: QUI-07

Date: 12/17/86 Analyst: T. Slocum

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)

none w/i 2km of site

Comments:

MWRA Map-Level Analysis Site Location: Quincy Site #: QUI 07

Date: 12/17 Analyst: TMS

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List:

Salt storage area (reported)	273 001B	100 m N
junkyard		100 m S
"		400 m S
haz. waste site under investigation	040 002A	200 m SE
"	040 003A	1600 m SW
haz waste site - secured & closed	336 001B	1700 m SE
landfill w/ incinerator	040 022A	1900 m S
Surface impoundment	090 0291	400 m SE

Comments:

MWRA Map-Level Analysis Site Location: Quincy G.P. Shipyard Site #. QUI-07

Date: 1/6/07 Analyst: T. Slocum

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 40%

Comments:

Off-site Distance(m): 100 Year: 0 (coastal)

Comments:

MWRA Map-Level Analysis Site Location: Weymouth Site #: [illegible]

Date: [illegible] Analyst: [illegible]

USDA/SCS MAP

Soils

On-site:

Type	Percent Coverage	Drainage Class
260x	[illegible] — 0	

Comments:

MWRA Map-Level Analysis Site Location: Weymouth Site #: QUL-C7

Date: 12-23-86 Analyst: L Day

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 1

Comments (describe if possible)

No Rare species – however – Broad Meadows is outside 1km radius area – but is an area where many birds feed : nest. (N)

MWRA Map-Level Analysis Site Location: Quincy Site #: QUI 07

Date: 11/18/86 Analyst: SBC

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
100	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
	FOREST
	AGRICULTURAL

Off-site(1 km):

Percent Coverage	Category
50	INDUSTRIAL
10	COMMERCIAL
15	RESIDENTIAL
	OPEN/REC
5	FOREST
	AGRICULTURAL
20	WATER

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis   Site Location: Weymouth Quad   Site #: QU-07

Date: 12-15-86   Analyst: L Day   Quincy Zoning

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
100	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OTHER

General Dynamics/ Quincy Shipbuilding Facility

Off-site(1 km):

Percent Coverage	Category
40	INDUSTRIAL
15	COMMERCIAL – S < 1/8 km along Quincy Ave E - 1/2 km along Bridge St scattered in industrial
25	RESIDENTIAL
20	OTHER

↳ Weymouth Fore River

Comments

Residential – East across River - buffered by other industry
South – buffered by other industry
West – ~~ep~~ abutting site – mixed w/ industry & business

MWRA Field Survey Site #: [illegible]

Date: 1/29/87 Time: 10:25 Survey Team: Dan Slocum

On-site Land Use(describe)

[illegible] [illegible] land —
[illegible]
[illegible] — [illegible] — [illegible]
[illegible] — [illegible]

Site presently [illegible] [illegible] / buildings, cranes
[illegible] etc.

Abutting Land Use(describe)

residential — more dense [illegible] than topo shows
[illegible] — [illegible] / some residential
on [illegible] side of street

Sensitive Receptors(additional)

MWRA Field Survey   Site #: [illegible]

Date: 1/29/87 -Time: 10:30 Survey Team: [illegible]

Noise

General Environment: Quiet [✓ Noisy] Very Noisy

Sources (list): Description — Approx. Distance

lots of traffic [illegible] [illegible] [illegible] - [illegible]

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

River to the East - only buffer

Residential to all sides of varying density

[illegible] — [illegible] [illegible] [illegible] / [illegible]

[illegible] huge! (thus potentially not buffer for (light residential [illegible] residence)

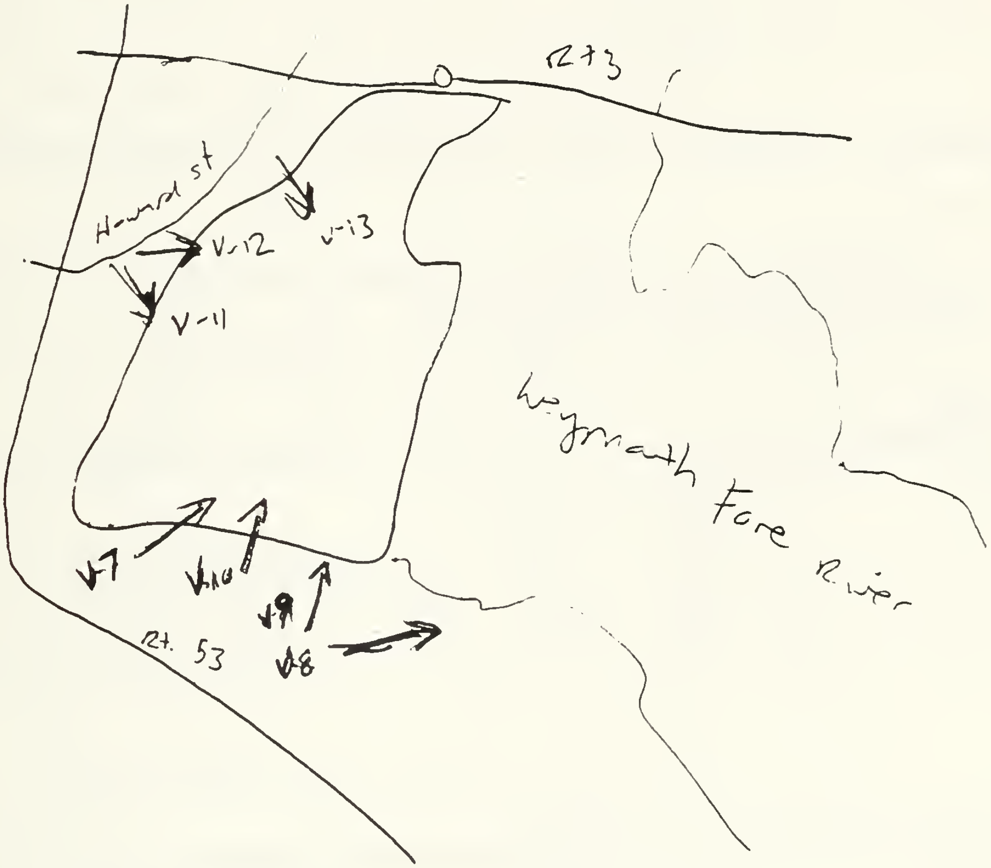
[illegible] — busy — fast traffic

MWRA Field Survey Site Location: G.D. Shipyard Site #: QUI-07

Date: 1/29/87 Time: 1030 Survey Team: Day, Slocum

PHOTO CHECK LIST

Roll #	Picture #	Description



Comments:

ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: [illegible]

DATE: 3/10/87 TIME: 1:30 ANALYST: T. Sle[illegible] TOWN: Quincy

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):

2054 B - lot 1 plot 1   4,83[illegible] sf   110.94 acres

Quincy Shipyard

Development Proposal for Site (Engineering or Planning Dept.):

Roughly 10-12 proposals have been made to General Dynamics, but they've made no announcement. "top secret"

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

[illegible] dense [illegible] - small residential lots

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

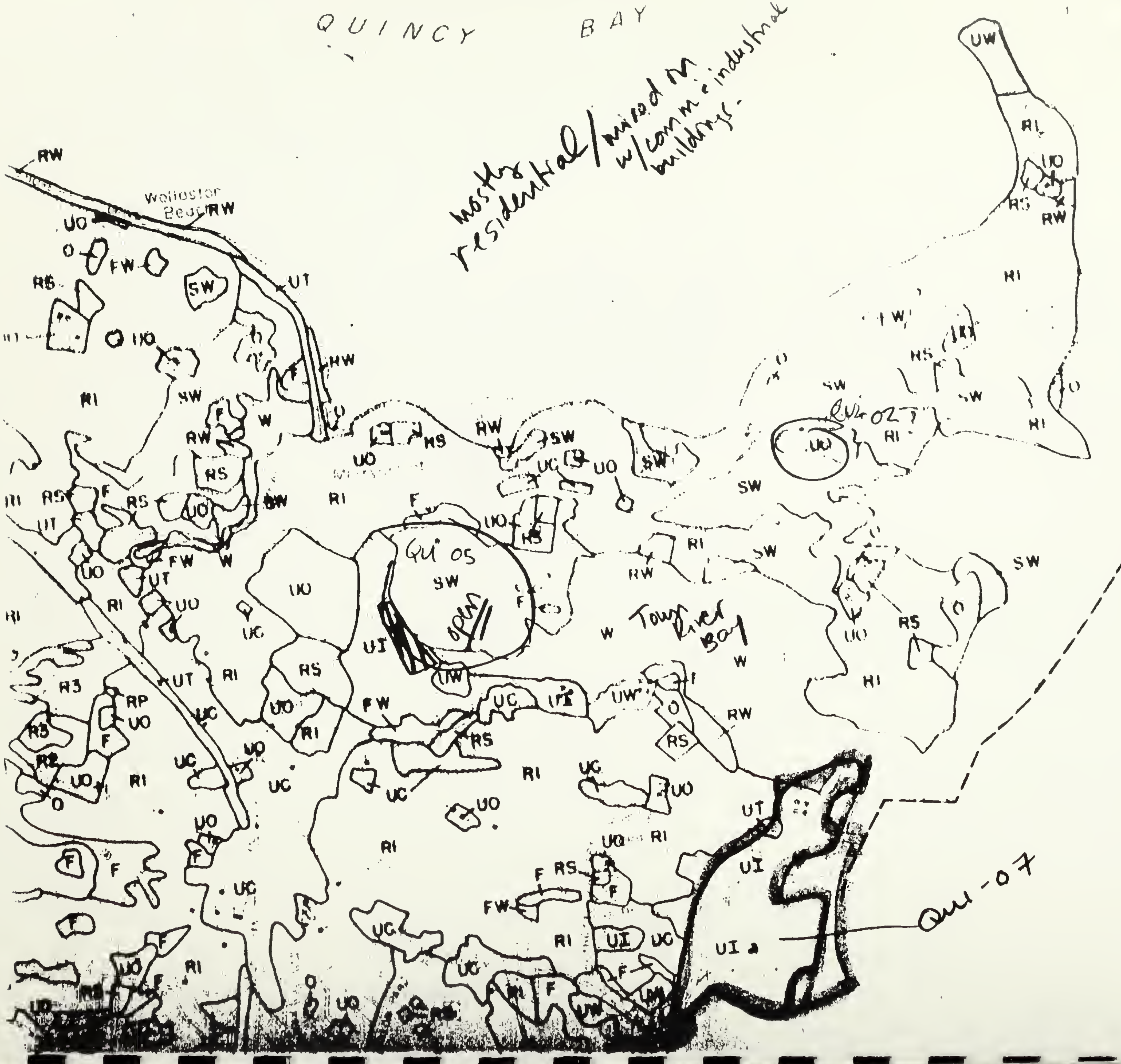
Not likely to change.

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

Same as on topo.

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			[illegible]
o Base Soil Characteristics	2	1	
o Topography	3	3	
o Depth to Bedrock	2	1 - assumed [illegible]	[illegible] report?
o Potential for on-site Contamination	3	0	
ENGINEERING CONSIDERATIONS TOTAL	10	5	
NOISE ENVIRONMENT			
o Proximity to Sensitive Noise Receptors	6	[illegible] - [illegible]	[illegible]
o Proximity to Existing Major Noise Sources	4	[illegible] - general industrial surroundings	
NOISE ENVIRONMENT TOTAL	10	[illegible]	
LAND USE			PH
o Current Site Use	3	3	
o Neighboring Land Use	3	2	
o Proximity to Sensitive Receptors	2	1	
o Community Development Objectives	2	2	
LAND USE TOTAL	10	8	
CULTURAL RESOURCES			
o Proximity to Historical Resources	6	4	
o Proximity to Archeological Resources	4	4	
CULTURAL RESOURCES TOTAL	10	8	
TRANSPORTATION			L!
o Site Rail Access	2	[illegible]	
o Site Coastal Access	2	[illegible]	
o Site Roadway Access	3	2 - [illegible]	
o Traffic Operations Level of Service	3	[illegible] - [illegible]	[illegible]
TRANSPORTATION TOTAL	10	[illegible]	

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			[illegible]
○ Proximity to Surface Water Bodies	3		
○ Proximity to 100 Year Flood Zone	2	[illegible]	[illegible]
○ Water Quality Classification	5	3 (sw..., ??)	
SURFACE WATER TOTAL	10	4	
GROUND WATER			
○ Presence of Aquifer	2	[illegible]	[illegible]
○ Well Yield Potential	4	2	
○ Proximity to Drinking Water Wells	4	4	[illegible]
GROUND WATER TOTAL	10	7	
WETLANDS			[illegible]
○ Presence of Wetland On-Site	6	6	
○ Proximity to Off-Site Wetlands	4	3	+ River flo[illegible] mudflats.
WETLANDS TOTAL	10	9	
ECOLOGY			[illegible]
○ Presence of Threatened or Endangered Species	4	4	NOT'E data - [illegible]
○ Terrestrial Ecology	2	2	[illegible]
○ Aquatic Ecology	4	4	[illegible] Broad Meadows [illegible]
ECOLOGY TOTAL	10	[illegible]	
AIR QUALITY/ODORS			
○ Impact Area Characteristics	3	1	[illegible]
○ Dispersion Characteristics			
- Ventilation	2	2	
- Terrain	1	1	
○ Existing Air Quality/Source Characteristics			
- Attainment Status	2	0 NA for	CO [illegible]
- Industrial Land Use	2	2	
AIR QUALITY/ODORS TOTAL	10	6	
SITE TOTAL	100	70	



1980 L

Prep

DEPARTMENT of FOREST
REMOTE S
UNIVERSITY of MASS
SOIL CONSE
In coo

STO-06

SITE DATA FILE INDEX RECORD

SITE: STO-06

	PAGE:	QUALITY ASSURANCE REVIEW:
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information USGS topo of Site Description of Site	20-22	✓

QA Performed By: JoAnn Randlow

Date: 8/17/87

REFERENCES
SITE ID STO-06

1. USGS Topographic Map
   Blue Hills, Ma
   N4207.5-W7100/7.5
   1971
   Photo Revised
   AMS 6768 II NE - Series V814

2. USFWS Map
   Blue Hills, MA
   Aerial Photography
   Date: 4/77
   Scale: 1:80,000
   Type: B-W

3. DEQE Groundwater Map
   MA DEQE/Division of Water Supply
   1982 Water Source and
   Aquifer Information Overlay
   Quad: Blue Hills, Ma

4. DEQE Waste Source Map
   MA DEQE/Division of Water Supply
   1982 Waste Source and
   Drainage Basin Overlay
   Quad: Blue Hills, Ma

5. FEMA Flood Map
   Flood Insurance Rate Map
   Same as ①

6. USDA/SCS Map
   United States Department of Agriculture
   1987 Soils Conservation Service Soil Survey
   Norfolk County

Performed By: J. Ransla
Date: 8/17/87

REFERENCES CONTINUED
SITE ID STO-06

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Stoughton
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Stoughton
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Blue Hills, MA
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Zoning Map of The Town of
Stoughton, Ma
Map C
Revision: 8/80

Performed By: J. Ransler
Date: 8/17/87

MWRA Map-Level Analysis Site #: STO-06

Date: 11-06-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Blue Hills, MA Site Area(acres): ~~33~~ 187 (DN)

Site Dimensions(m): Length: 1400 Width: 600

Site Location: UTMx: 4666.9 UTMy: 328.8 UTMz: 250

Site Elevation(ft): Min: 210 Max: 320

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: N [✓ S] E W

Utilities On-site: [✓ Yes] No Describe:
2 line power lines cut across N edge of site

Comments:
20% of site is wetlands
Railroad cuts across souther edge.

Air Quality

Highest Terrain(3 km radius): 320

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	25
Commercial/Industrial	<1.0
Other	74

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	X	X
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: STO-06

Date: 11-06-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 24 Distance from site(km): <.1

Second. Road Name: ~~13~~ Central St. Travel Distance(km): .6

Second. Road Name: Street (unnamed) Travel Distance(km): 3.5

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 1 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name:_____________ Approx. Width:______ Depth:______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance:_____

Comments:

Sensitive Receptors (3km)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Avon High Sch.	2400	E
Avon Jr. High	2500	E
2 church	2600	E
Young Sch.	2900	E
D.W. Field Park	2000	S
Tolman Sch.	2800	S
South Sch.	3000	S
~~Comments~~: Church	2600	W
Church	2400	SW
Jones Sch.	2600	W
Kimball Sch.	2600	W
North Sch.	1600	W

MWRA Map-Level Analysis Site #: 5i0-06

Date: 11-06-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: TT-1

Standing Water On-site %: 20 (wetlands)

Distance to nearest surface water (km): <.1 (Beaver Brook)

Identity of Surface Water: Name/Description Classification (310 CMR)

Beaver Brook (s)
Bear Swamp (n)
Three Swamp Brook (E)
Glen Echo Pond (N)
small lake unnamed (W)

Comments:
Wetlands extensive to the East and North of site w/in 2km radius area.

MWRA Map-Level Analysis Site Location: Stoughton Site #: STO-06

Date: 11/14/86 Analyst: L. Day

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
8	$P\frac{SS1}{EM1}E$
on site: 10 off site: 3	$P\frac{FO}{SS}1A$

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
85	600	$P\frac{FO}{SS}1E$
8	1900	POWZ
8	1800	$P\frac{FO}{SS}1A$
50	1400	PFO1E
12	1300	$P\frac{FO}{SS}1E$
15	1200	$P\frac{FO}{SS}1E$
10	1100	PSS1E
10	1000	$P\frac{SS1}{EM1}E$
10	800	$P\frac{FO}{SS}1E$
15	1400	PSS1E
20	600	$P\frac{FO}{SS}1E$

Comments

There are more sites w/in 2km which are < 5 acres.

ACREAGE —
ON SITE: 18.00
OFF SITE: 251.00

MWRA Map-Level Analysis Site Location: STOUGHTON Site #: STO-06

Date: 10/30 Analyst: TMS

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L) Value(gpm) Percent Coverage

LL, <5 gpm 90%

L, <100 gpm 10%

Wells(list):

Type/Use Yield(gpm) Depth to Water Table(ft)

NONE

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L) Value(gpm) Percent Coverage

LL, <5 gpm 72%

L, <100 gpm 25%

M, 100-300 gpm ~3%

Wells(list):

Type/Use Yield(gpm) Distance to Boundry(m) Direction (N, S, E, W) Depth to Water Table(ft)

050-301A Active 100-300 gpm 1940 m NW no data

285-301A " " 1680 m NW "

Comments:

MWRA Map-Level Analysis Site Location: STOUGHTON Site #: STO.06

Date: 10/30 Analyst: TMS

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry (m)
NONE w/i 2km of site		

Comments:

MWRA Map-Level Analysis Site Location: Stoughton Site #: STO-06

Date: 11/7 Analyst: TMS

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List:

transfer station & closed landfill	285 001C	500 m NE
closed landfill	018 001C	900 m NE
Salt storage area	285 002B	300 m W

Comments:

MWRA Map-Level Analysis Site Location: Stoughton Site #: STO-06

Date: 1/8/97 Analyst: T. Slocum

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 10%

Comments:

Off-site Distance(m): 100 Year: 300 m from another flood zone to north.

Comments:

MWRA Map-Level Analysis Site Location: Stoughton Site #: STO-06

Date: 12/12/86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
8C		35	0
8D		20	0
4P		5	0
4		10	[illegible]
55		10	1
32-B		5	1
?		15	0
			0

Comments:

MWRA Map-Level Analysis Site Location: Stoughton Site #: STO-06

Date: 11/21/86 Analyst: L Day, D Neal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 0

Comments (describe if possible)

MWRA Map-Level Analysis Site Location: STOUGHTON Site #: STO-06

Date: 11/12/86 Analyst: S. CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
10	INDUSTRIAL
5	COMMERCIAL
	RESIDENTIAL
10	OPEN/REC
70	FOREST
	AGRICULTURAL
5	TRANSPORTATION

Off-site(1 km):

Percent Coverage	Category
5	INDUSTRIAL
5	COMMERCIAL
15	RESIDENTIAL
* 10	OPEN/REC
30	FOREST
5	AGRICULTURAL
5	TRANSPORTATION
5	WATER

Comments: Presence of buffers, abutting land use, etc.

* missing 20% of info

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Stoughton Site #: STO-6

Date: 11/17 Analyst: P Hadd

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
100	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
40	INDUSTRIAL
	COMMERCIAL
30	RESIDENTIAL
	OTHER

Comments

30% of land [illegible] from the East
which is Zo[illegible] [illegible]

Within Stoughton [illegible],
industrially zoned lands to the north and
to the west for a small amount.
To south, and west, lands [illegible]
zoned resid[illegible]

MWRA Field Survey Site #: [illegible]

Date: [illegible] Time: 9:00 AM Survey Team: [illegible]

On-site Land Use(describe)

[illegible]
[illegible]
[illegible]

Abutting Land Use(describe)

Lumber yard /fence company accross
the street
wooded / ~~[illegible]~~ industrial

Sensitive Receptors(additional)

none observed

MWRA Field Survey Site #: STC-06

Date: 12/1/86 Time: 9AM Survey Team: Borsuk/Meli

Noise

General Environment: [✓ Quiet] Noisy Very Noisy

Sources(list): Description Approx. Distance

some truck traffic on road

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

Lg trees as buffer.

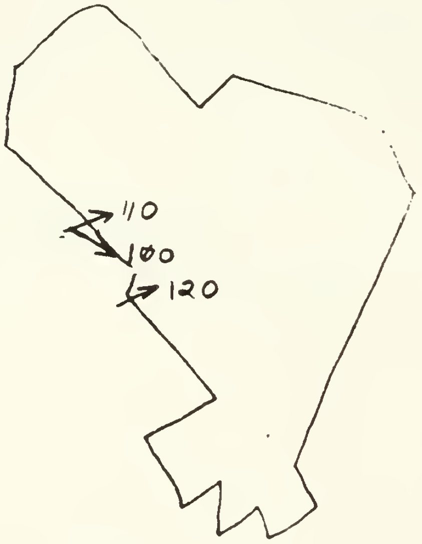
MWRA Field Survey Site Location:____________ Site #: STO-06

Date: 12/2/86 Time: 9:00am Survey Team: Bonsuh, Meli

PHOTO CHECK LIST

Roll #	Picture #	Description

Comments:



2/2

Date	Dwg.	Project	Proposal
2.24.87	T. Slocum		

I = Sheet 31 #3 47.8 acres E. McNamara
J = Sheet 21 #7 44.7 ac C. McNamara
K = Sheet 20 #8-4 48.4 acres
L = Sheet 19 #91 41.7 acres owner unknown
M = Sheet 18 #9 60.6 acres - Amos Rifle & Pistol Club
N = Sheet 32 #12 85.6 acres Town of Stoughton
O = Sheet 33 #12 77.0 acres Carl Libby
P = Sheet 44 #1A 63.2 acres Town of Stoughton
Q = Sheet 21 #30-1 33.0 acres Town of Stoughton
R = Sheet 96 & 97 #97-4 195.2 acres Cochituate Corporation (with Stough. Redev. Auth

NOTES:

① Looks like area between Rt 1[illegible] & West St. in SW corner of town has a lot of usable land. A man in the City Engineer's office told us that this was town conservation land. However, large chunks of it are owned privately. This is probably the location of Stoughton sites STO-07 and STO-08. I have tentatively located these (see topo - Brockton Quad). STO 07 = 145 acres STO-08 = 400 acres.

② STO-05 is owned by the Stoughton Redevelopment Authority. Contact: Joe Gusciora - Stoughton Planning Board 344-6070. The area north and east of this is owned by the Cochituate Corp. (195 acres) which is prob. affiliated w/ the S.R.A. Area is swampy, but may be useful. Part of the area is being developed as the N. Stoughton Industrial Park

③ STO-06 Has several owners the most important being Simeone Stone Corp, ~~and~~ Mass. Broken Stone & Stoughton Crushed Stone. Area probably could be expanded. A man in the City Engineer's Office said that, over the years, there has been some interest in developing this area. Lack of town sewer & water & jumbled topography has discouraged residential development.

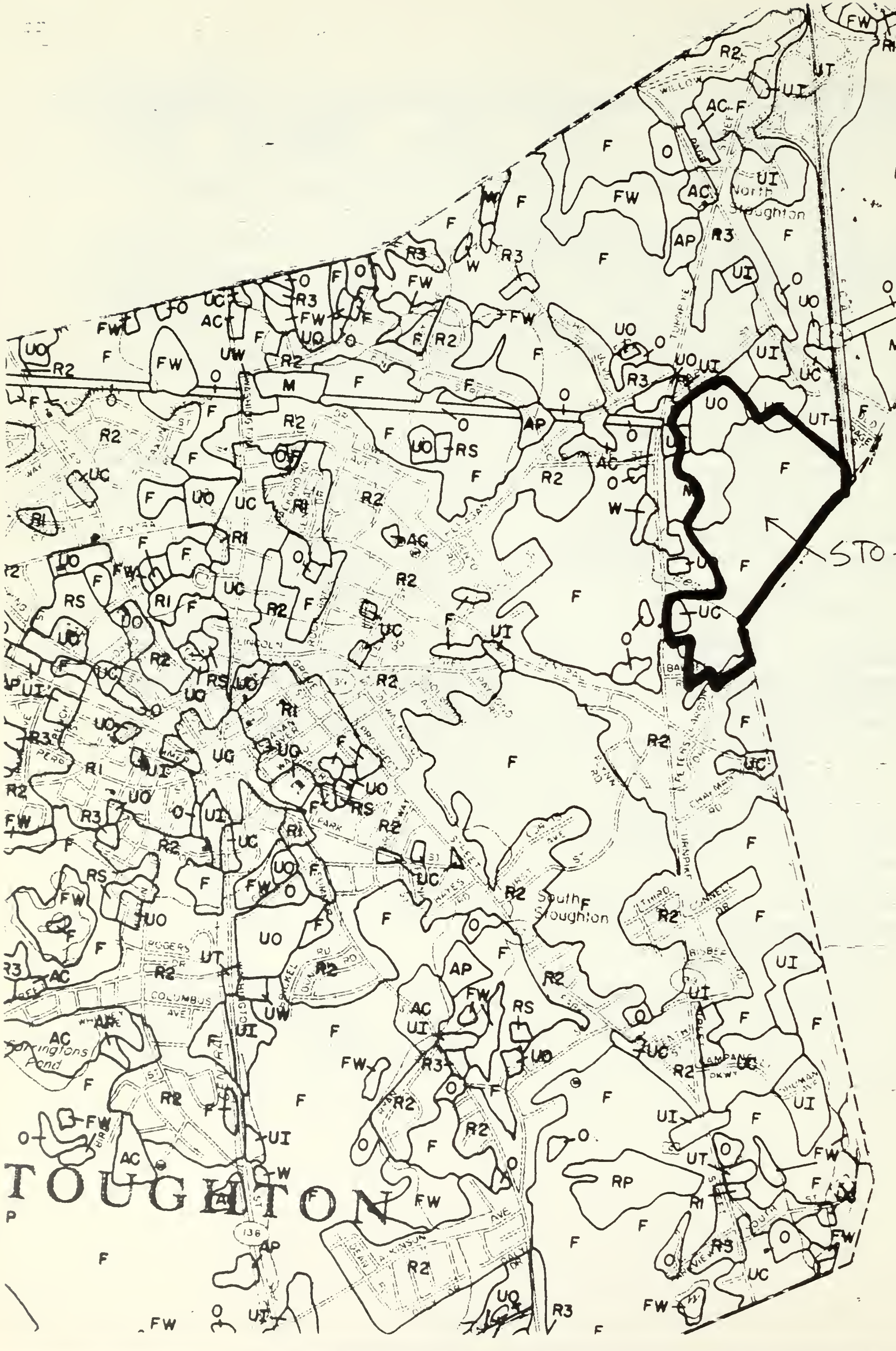
SITE NUMBER: 57 [illegible]

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			[illegible]
o Base Soil Characteristics	2	0	
o Topography	3	2	
o Depth to Bedrock	2	0 – field notes out-crop in Southern ½ of site [illegible] at N.	
o Potential for on-site Contamination	3	2.	
ENGINEERING CONSIDERATIONS TOTAL	10	4.	
NOISE ENVIRONMENT			
o Proximity to Sensitive Noise Receptors	6	2. – residential abuts – S – sparsely to [illegible]	
o Proximity to Existing Major Noise Sources	4	3. – Rt. 2[illegible]	
NOISE ENVIRONMENT TOTAL	10	5.	
LAND USE			(site is partially developed [illegible]
o Current Site Use	3	2.5	large [illegible]
o Neighboring Land Use	3	2(1)	[illegible]
o Proximity to Sensitive Receptors	2	2	[illegible]
o Community Development Objectives	2	2	[illegible]
LAND USE TOTAL	10	9.5	
CULTURAL RESOURCES			[illegible]
o Proximity to Historical Resources	6	6	
o Proximity to Archeological Resources	4	2.	
CULTURAL RESOURCES TOTAL	10	8	
TRANSPORTATION		– old RR grade – no tracks	
o Site Rail Access	2		[illegible]
o Site Coastal Access	2	0	
o Site Roadway Access	3	3.	
o Traffic Operations Level of Service	3	2. –	
TRANSPORTATION TOTAL	10	5	

SITE NUMBER: ST[illegible]

PAGE 2 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			JC
o Proximity to Surface Water Bodies	3	1	
o Proximity to 100 Year Flood Zone	2	1	
o Water Quality Classification	5	3	
SURFACE WATER TOTAL	10	5	
GROUND WATER			TS
o Presence of Aquifer	2	2.	
o Well Yield Potential	4	4.	
o Proximity to Drinking Water Wells	4	4.	
GROUND WATER TOTAL	10	10.	
WETLANDS			LL
o Presence of Wetland On-Site	6	4	
o Proximity to Off-Site Wetlands	4	0	
WETLANDS TOTAL	10	4	
ECOLOGY			LL
o Presence of Threatened or Endangered Species	4	1	E ½ und[illegible] [illegible] potential poss[illegible] [illegible] a [illegible] hab[illegible]
o Terrestrial Ecology	2	2	
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	7	
AIR QUALITY/ODORS			LE
o Impact Area Characteristics	3	1 - Spruce [illegible]	[illegible]
o Dispersion Characteristics			
- Ventillation	2	2	
- Terrain	1	1	
o Existing Air Quality/Source Characteristics			
- Attainment Status	2	2	
- Industrial Land Use	2	2	
AIR QUALITY/ODORS TOTAL	10	8	
SITE TOTAL	100	64.5	


STO-06
North Stoughton
South Stoughton
STOUGHTON
Ames Pond
136
F
FW
UO
UC
UI
UT
UW
R1
R2
R3
RS
RP
AC
AP
O
M
W

WLP-07

SITE DATA FILE INDEX RECORD

SITE: WLP-07

	PAGE:	QUALITY ASSURANCE REVIEW:
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information USGS topo of Site	20	✓

QA Performed By: John Ranslow

Date: 8/17/87

REFERENCES
SITE ID WXP-07

1. USGS Topographic Map
Norwood, Ma
N4207.5-W7107.5/7.5
1970
Photo Revised 1979
AMS 6768 II www-Series V814

2. USFWS Map
Norwood, Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Norwood, Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Norwood, Ma

5. FEMA Flood Map
Flood Insurance Rate Map
Same as ①

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Norfolk County

Performed By: J Rawlor
Date: 8/17/87

REFERENCES CONTINUED
SITE ID WLP-07

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Walpole
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Walpole
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Norwood, Ma.
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
1984 Zoning District Map
of the Town of Walpole, Ma
Walpole Planning Board
Scale 1:800

Performed By: J. Ranslow
Date: 8/17/87

MWRA Map-Level Analysis

Site #: WLP-67

Date: 11/3/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: NORWOOD Site Area(acres): 46 ~~[illegible]~~

Site Dimensions(m): Length: 325 Width: 325

Site Location: UTMx: 317.0 UTMy: 4670.3 UTMz: ______

Site Elevation(ft): Min: 120 Max: 190

General Slope: 0-3% 3-10% [✓ 10-20%] >20% Direction: N S [✓ E] W

Utilities On-site: Yes [✓ No] Describe:

Comments:

Air Quality

Highest Terrain(3 km radius): 320

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	65 ? ?
Commercial/Industrial	1.0
Other	34

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	X	X
2. Non-Attainment Area	___	___
3. Attainment Area within 3 km of NA Area	___	___

Comments:

MWRA Map-Level Analysis Site #: WLP-07

Date: 11/3/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: Rte. 1A Distance from site(km): 1.

Second. Road Name: ______ Travel Distance(km): 0.5

Second. Road Name: Mylod St. Travel Distance(km): 0.8

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 3 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name: ______ Approx. Width: ______ Depth: ______

Pier/Wharf: Yes No Bridges: Yes No Clearance: _____

Comments:

Sensitive Receptors

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Cleveland School	2200	N
Winslow School	2000	N
Balch School	1600	N
Willett School	3000	N
Hospital	3000	N
~~Comments:~~		
Junior High School	2800	N
High School	2800	N
Endean Playground	900	N
Prescott School	3000	E

East Junior High School	2400	S
Old Post Road School	2400	S
Fisher School	2300	W
Agricultural School	2000	W

Sensitive Receptors

#	Distance
0	0-½ km
1	½-1 km
1	1-2 km
11	2-3 km

MWRA Map-Level Analysis Site #: WLP-07

Date: 11/3/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Surface Water NT 39 50%; NT 36 (25%); NT 22 (25%)

Drainage Basin Names: Neponset River Basin

Standing Water On-site %: 0

Distance to nearest surface water (km): 0.1

Identity of Surface Water:

Name/Description	Classification (310 CMR)
23 unlabeled ponds	B
Willett Pond	B
Ellis Pond	B
Hawes Brook	B
Neponset River	B
Traphole Brook	B
Bird Pond	B
Rainbow Pond	B
Plimpton Pond	B
Cobbs Pond	B

Comments:

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-07

Date: 11/6/86 Analyst: DRN

USFWS WETLANDS MAP

Wetlands

On-site: Acreage USFWS Code

NO WETLANDS ON-SITE

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
6	1000	PEM
2	1300	POW
11	800-1000	PFO1
100	1600-2400	PFO/SS1, PEM
11	100-500	P$\frac{FO}{SS}$1
6	800	PSS1
6	1000	PSS1
3	100-200	POW
7	600-800	P$\frac{FO}{SS}$1
7	1300-1600	POW
7	1600-1900	P$\frac{SS1}{EM}$
11	1400	P$\frac{FO}{SS}$1, PEM
6	1400-1700	PFO1

Comments

Acreage -
onsite 0.00
offsite 183.00

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-07

Date: 10/29/86 Analyst: Tom Slocum

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage

LL, (negligible yield) 100%

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)

No wells on site

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage

LL, (negligible) 50%
L, <100 gpm 15%
M, 100-300 10%
H, >300 gpm 25%

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)

No wells w/i 2 km of site

Comments:

MWRA Map-Level Analysis   Site Location: WALPOLE   Site #: WLP-07

Date: ________ Analyst: ____________

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry (m)
None w/i 2 km of site		

Comments:

MWRA Map-Level Analysis   Site Location: Walpole   Site #: WLP-07

Date: 11/19   Analyst: T. Slocum

DEQE WASTE SOURCE MAP

Waste Sources

On-site: [✓ Yes] No

List: closed landfill/dump   307 004 C

Off-site: [✓ Yes] No

List:

Haz. waste sites under investigation	220.002A,	1000 m N
"	270 003 A;	800 m N
closed landfill/dump	220 002 C;	1000 m E

Comments:

Surface impoundment	307 0288	300 m S
"	307 002 D	300 m S
"	307 0287	250 m SE

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-07

Date: 11/7/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: 100 M

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-07

Date: 12/12/86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
114C		15	
113B		15	
114B		65	
114D		5	

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-C7

Date: 11/21/86 Analyst: L Day / D. Veal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 15

Comments (describe if possible)

No Rare Species

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-07

Date: 11/10/86 Analyst: S CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
100	FOREST
	AGRICULTURAL

Off-site(1 km):

Percent Coverage	Category
15	INDUSTRIAL
5	COMMERCIAL
30	RESIDENTIAL
	OPEN/REC
20	FOREST
20	AGRICULTURAL
5	FRESH WETLAND
5	water

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP [illegible]

Date: 11/13 Analyst: [illegible]

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
100	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
45	INDUSTRIAL
5	COMMERCIAL
40	RESIDENTIAL
10	OTHER ([illegible] and [illegible])

Comments

Limited manufacturing and [illegible]
[illegible] the Southern [illegible] part,
and south [illegible] Increase, the [illegible]
virtually [illegible] by [illegible] land
[illegible] + [illegible] residential [illegible]
[illegible]

MWRA Field Survey

Site #: WLP 07

Date: 12/4/86 Time: 12:15 pm Survey Team: Borsuk/Ranslow

On-site Land Use(describe)

Apparently private land. Fenced or walled all the way around. Gate says "ENDEAN PRIVATE WAY". There may be some buildings in side but they are not visible from Mylod Rd, which is all we can See without trespassing

Abutting Land Use(describe)

Open space / spase Residential

Sensitive Receptors(additional)

MWRA Field Survey Site #: WP-07

Date: 12/4/86 Time: 12:15pm Survey Team: Borsuk/Rauslow

Noise

General Environment: [✓ Quiet] Noisy Very Noisy

Sources(list):

Description	Approx. Distance
some light traffic on Mylod Rd	

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

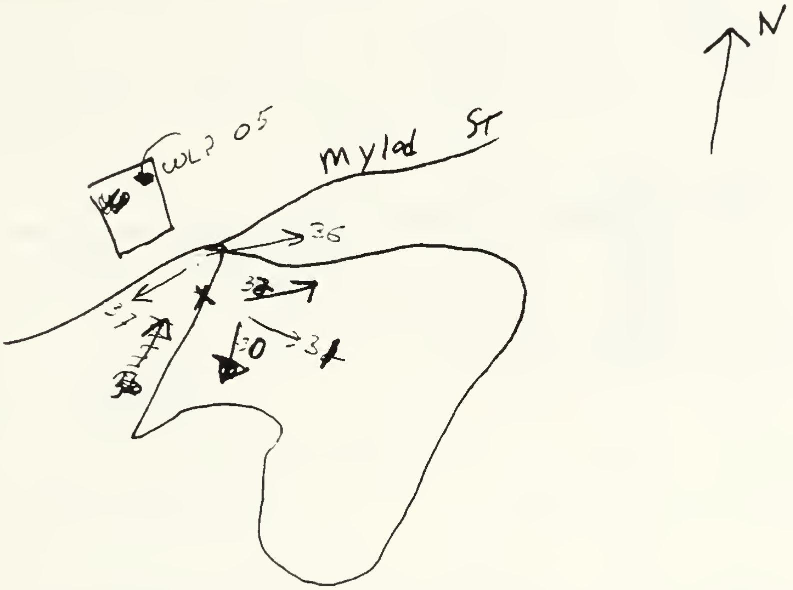
MWRA Field Survey Site Location:____________ Site #: WLP-07

Date: 12/4/86 Time: 12:15 Survey Team: Ranslow, Borsuk

PHOTO CHECK LIST

Roll #	Picture #	Description
Q	30,	all Forest area, may come out Dark
	31	lot of Pine Trees. Area, all Fenced in
	32	"
	36	May not come out - Fence border

Comments:



ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: WP-07

DATE: 5/4/87 TIME: 10:30 ANALYST: SBC TOWN: Walpole

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):

1 Francis William Park Trust — 3?.?
2 [illegible] Co — 40.01
3 Charles S. Bird III — 8.46

Development Proposal for Site (Engineering or Planning Dept.):

preliminary plans with [illegible]

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

none

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

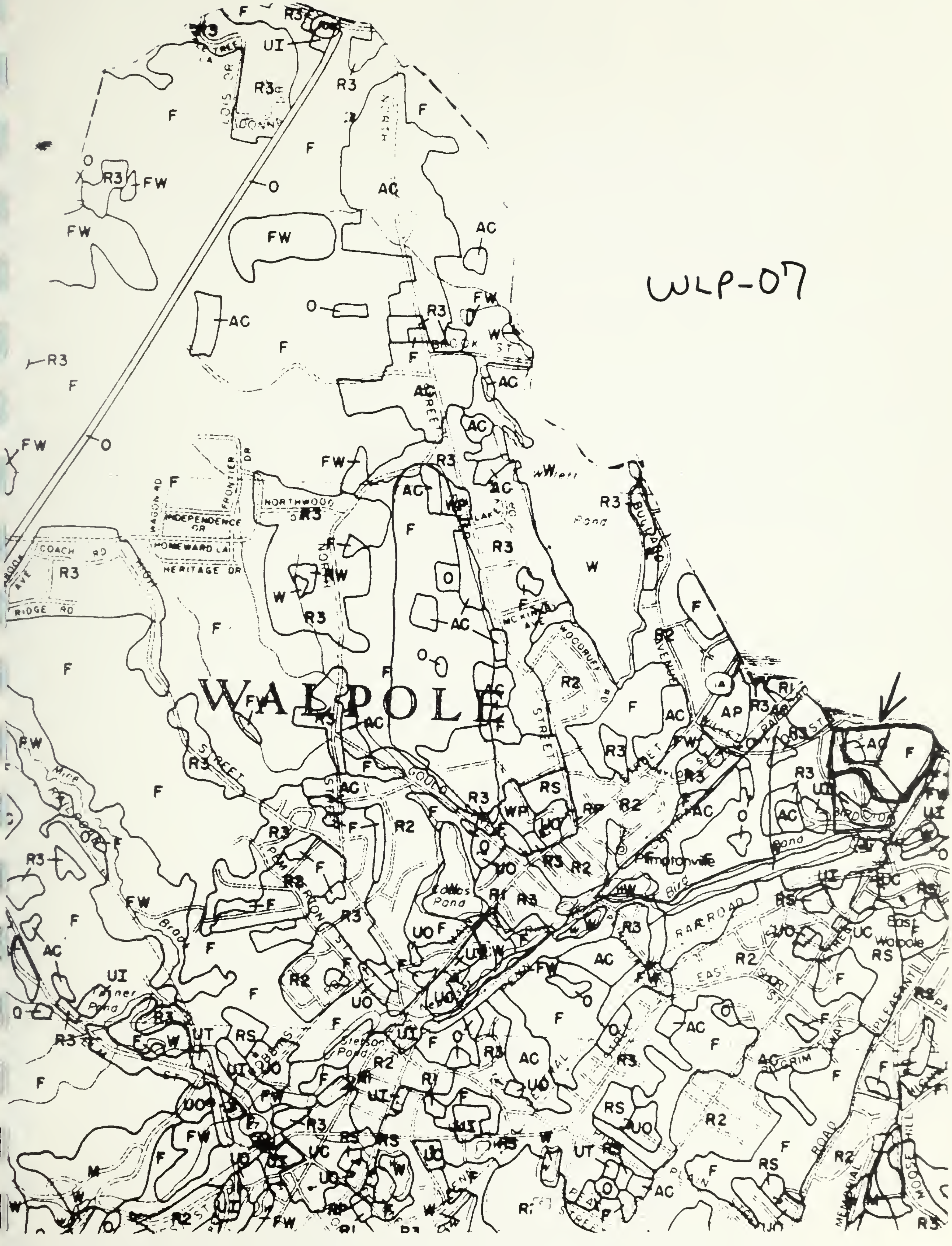
planning secy - Cindy [illegible]

SITE NUMBER: WLF-02 PAGE 1 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
o Base Soil Characteristics	2	2	
o Topography	3	2 – perceived	- steep topography
o Depth to Bedrock	2	2 – assumed	TS/LD
o Potential for on-site Contamination	3	0 ([illegible] landfill on site)	
ENGINEERING CONSIDERATIONS TOTAL	10	6.	
NOISE ENVIRONMENT			
o Proximity to Sensitive Noise Receptors	6	3. → residential N & E - but site densely forested - buffering. Industrial/Commercial S - open - W	
o Proximity to Existing Major Noise Sources	4	2.	TS/LD
NOISE ENVIRONMENT TOTAL	10	5.	
LAND USE			PH
o Current Site Use	3	1	
o Neighboring Land Use	3	1.5	
o Proximity to Sensitive Receptors	2	1	
o Community Development Objectives	2	2	
LAND USE TOTAL	10	5.5	
CULTURAL RESOURCES			
o Proximity to Historical Resources	6	4	
o Proximity to Archeological Resources	4	3	TS/LD
CULTURAL RESOURCES TOTAL	10	7	
TRANSPORTATION			
o Site Rail Access	2	1. < 1/2 mi S of site	TS/LD
o Site Coastal Access	2	0.	
o Site Roadway Access	3	1 – Wash. St. (ignore illegal access)	
o Traffic Operations Level of Service	3	1 – local congestion on Washington St.	
TRANSPORTATION TOTAL	10	3	

SITE NUMBER: WLP-67

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			
o Proximity to Surface Water Bodies	3	2	
o Proximity to 100 Year Flood Zone	2	2. at [illegible]	TS/LD
o Water Quality Classification	5	3.	
SURFACE WATER TOTAL	10	7.	
GROUND WATER			
o Presence of Aquifer	2	2 } see LLI specific	TS/LD
o Well Yield Potential	4	4	
o Proximity to Drinking Water Wells	4	4 - none w/in 2 km	
GROUND WATER TOTAL	10	10	
WETLANDS			
o Presence of Wetland On-Site	6	6 - No on site wetlands	
o Proximity to Off-Site Wetlands	4	4 - none w/in 100 m - field notes.	TS/LD
WETLANDS TOTAL	10	10.	
ECOLOGY			*
o Presence of Threatened or Endangered Species	4	3*	
o Terrestrial Ecology	2	2	TS/LD [illegible]
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	9.	
AIR QUALITY/ODORS			
o Impact Area Characteristics	3	1 - 65% [illegible]	[illegible] residences w/in 3 km)
o Dispersion Characteristics			
- Ventillation	2	2	
- Terrain	1	1	
o Existing Air Quality/Source Characteristics			TS/LD
- Attainment Status	2	2	
- Industrial Land Use	2	2 (abandoned industrial site)	
AIR QUALITY/ODORS TOTAL	10	8.	
SITE TOTAL	100	70.5	


WALPOLE
WLP-07
F
FW
AC
O
R3
R2
RS
UO
UI
W
AP
Pond
Cobbs Pond
Stetson Pond
Tanner Pond
Plimptonville
East Walpole
STREET
RAILROAD
PLEASANT
BROOK ST
WOODRUFF RD
MCKINLEY AVE
NORTHWOOD DR
INDEPENDENCE DR
HOMEWARD LA
HERITAGE DR
COACH RD
RIDGE RD
FRONTIER DR
WAGON RD
PILGRIM WAY
MEMORIAL
MOOSE HILL

WLP-08

SITE DATA FILE INDEX RECORD
SITE: WLP-08

	PAGE:	QUALITY ASSURANCE REVIEW:
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16-16a	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information		

QA Performed By: JoAnn Ranslow
Date: 8/17/87

REFERENCES
SITE ID WLP-08

1. USGS Topographic Map
Wrentham, MA
N4200 - W7115/7.5
1964 Photorevised 1979
AMS 6768 III SE Series V814

2. USFWS Map
Wrentham
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Wrentham, MA

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Wrentham, MA

5. FEMA Flood Map
Flood Insurance Rate Map
Town of Walpole, MA
Norfolk County
Map Index 7-1
Community No. 250254 0002A
rev. March 24, 1978

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Norfolk, CO

Performed By: L Day
Date: 8/12/87

REFERENCES CONTINUED
SITE ID [illegible]

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Walpole, MA
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Walpole, MA
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Wrentham, MA
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Town of Walpole
Walpole Planning Board
January, 1994

Performed By: l Day
Date: 8/17/97

MWRA Map-Level Analysis Site #: wLP-08

Date: 1-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

105 DN

Quad Name: Wrentham, MA Site Area (acres): 30.0

Site Dimensions (m): Length: 900 Width: 800

Site Location: UTMx: 4664.7 UTMy: 310.5 UTMz: 220

Site Elevation (ft): Min: 150 Max: 280

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: [✓ N] S E W

Utilities On-site: Yes [✓ No] Describe:

Comments:

Water Tanks <.1 km south of site
site is on state Prison Reservation

Air Quality

Highest Terrain (3 km radius): 380

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	5.0
Commercial/Industrial	<1.0
Other	94

Attainment Status:
(see town lists)

	~~TSP~~	~~CO~~
1. Attainment Area	✓	✓
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: WLF 08

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 1 Distance from site(km): 2.1

Second. Road Name: Pine Street Travel Distance(km): 1.8

Second. Road Name: Oldham Street Travel Distance(km): 2.1

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 2 Station/Terminal: ~~Yes~~ [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name:______ Approx. Width:______ Depth:______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance:_____

Comments:

Sensitive Receptors

#	Distance
0	0 - ½ km
1	½ - 1 km
2	1 - 2 km
7	2 - 3 km

Sensitive Receptors (3km)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Mass - Correctional Inst of Walpole	650	S
Ponville State Hospital	1600	S
Church	3000	W
Church	2400	W
Norfolk Sch.	3000	W
State Correctional Inst.	1000	W
Bay State Raceway	3000	S
Bristol-Blake State Reservation	2100	W
Church	2600	E
Boyden Sch.	2500	W

~~Comments:~~

MWRA Map-Level Analysis Site #: WLP 08

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: CH-52

Standing Water On-site %: 2

Distance to nearest surface water (km): <.1 (wetlands (W))

Identity of Surface Water: Name/Description Classification(310 CMR)

Mann Pond (W)
Highland Lake (W)
Cedar Swamp (E)
Stop River (S)
Stony Brook (W)

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-03

Date: 11-11-86 Analyst: L. Day

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
3	PFO1
2	POW
$\frac{1}{2}$ onsite 4 $\frac{1}{2}$ off 5	PFO1

Off-site (2 km):

Acreage	Distance (m)	USFWS Code
1	300	POW
1	400	POW
54	400	PFO1
6	1000	PFO1
20	600	P EM/OW
20	400	PEM
4	1400	PFO1
1	1800	POW
1	1900	POW
62	1200	PFO1
2	1800	P FO/SS 1
3	1900	PFO1
1	1500	PSS1
4	1600	PFO1
1	1900	POW
5	2000	PFO1
1	1600	POW
130	1000	PFO1
13	1200	P SS1/EM
9	1600	PFO1
2	1700	PEM
7	1400	PFO1
(3) 1	1800	POW
18	800	PEM

Comments

- Acreage — on site: 9.00 off site: 374.00

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-08

Date: 10/29/86 Analyst: TMS

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L) Value(gpm) Percent Coverage

LL_2 ~ 5 gpm 100%

Wells(list):

Type/Use Yield(gpm) Depth to Water Table(ft)

NONE on site

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L) Value(gpm) Percent Coverage

LL_2, LL_1 ≤ 5 gpm) 65%
L_2 5-50 gpm 20%
M_2 50-250 gpm 10%
H_2 >250 gpm 5%

Wells(list):

Type/Use	Yield(gpm)	Distance t. Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
(NORFOLK WELLS)				(no data)
303E Not in use (dry)	~~H_2 (>250 gpm~~)	770 m	W	
304 A Active	>250 gpm	1030 M	SW	"
205 A Active	50-250 gpm	1550 m	SW	
306 A "	>250 gpm	1230 m	SW	
301 A "	"	1230 m	S	
302A "	"	1290 m	S	

Comments:

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-08

Date: 10/29/86 Analyst: T. Slocum

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
none w/i 2 km of site		

Comments:

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-08

Date: 11/4 Analyst: TMS

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List:

surface impoundment	208 0530	700 m	W
"	208 · 0272	1500 m	S
surface impoundment (with NPDES discharge)	307 · 0274	1700 m	E

Comments:

MWRA Map-Level Analysis Site Location: Walpole (SW) Site #: WLP-08

Date: 11/5/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: <5

Comments:

Off-site Distance(m): 100 Year: 0

Comments: NW corner of site includes floodplain of the stop River

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-05

Date: 12/4/86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
31B		35	
122C		25	
42C		15	
122B		10	
32B		5	
113B		5	
52B		5	
136B		5	

Comments:

2

MWRA Map-Level Analysis Site Location: Walpole Site #: [illegible]

Date: 1/21/86 Analyst: J Day/D Neal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 2

Comments (describe if possible)

No Rare Species

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WA2-08

Date: 11/14/86 Analyst: S. CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
8	RESIDENTIAL
	OPEN/REC
75	FOREST
15	AGRICULTURAL
2	WATER

Off-site(1 km):

Percent Coverage	Category
5	INDUSTRIAL
	COMMERCIAL
15	RESIDENTIAL
20	OPEN/REC
40	FOREST
10	AGRICULTURAL
10	FRESH WETLAND

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-05

Date: 11/14 Analyst: P Hedell

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
100	OTHER Rural

Off-site(1 km): *

Percent Coverage	Category
10	INDUSTRIAL (Chemical [illegible])
	COMMERCIAL
15	RESIDENTIAL
25	OTHER rural

Comments Lands owned by C[illegible] [illegible] Massachusetts

50% of land in [illegible]

zoning Map acquired [illegible] of 11/14

Site [illegible] by Residential zone [illegible]

east. Rural zone to the [illegible]

MWRA Field Survey   Site #: WLP-03

Date: 11/7/86   Time: 10:45   Survey Team: L. Day, T. Slocum

Noise

General Environment: [✓ Quiet]   Noisy   Very Noisy

Sources(list): Description   Approx. Distance

1A street noise on that side of site - heavy traffic

up among corr. inst. - quiet.

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

Access: Rt 1A (primary)

Winter St (secondary)

well buffered by woods, fields, prisons

MWRA Field Survey Site #: WLP-08

Date: 11/17/86 Time: 10:45 Survey Team: L. Day, T. Slocum

On-site Land Use(describe)

Forested, wetlands on site

Winter street side - scattered houses along road.

Abutting Land Use(describe)

Mass. Corr. Inst. to the South of site

Residential to the west of Inst (not heavy residential)

Open areas to the N-W of site.

Corr Inst. Release station to the west of site.

Sensitive Receptors(additional)

Hospital (Pondville) as indicated on S.R. sheet.

~~Prison~~ MCI & other prison are sensitive receptors

MWRA Field Survey Site Location: Walpole Site #: WLP-08

Date: 11/17 Time: 11 00 Survey Team: Laura D[illegible] Tom Sl[illegible]

PHOTO CHECK LIST

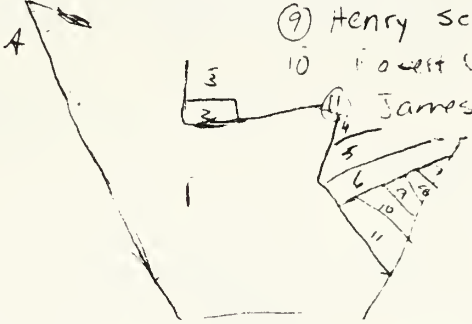
Roll #	Picture #	Description
B	30	Facing 60° from access road on south side. MCI Walpole walls & water tower in the view (SW corner of site)
	31	Facing 320° same location as #30. looking downhill across site
	32	Facing 150° looking back at access site. From ~~on~~ State Correctional Facility NW of site
	33	Facing 240 into wooded part of site From Winter St. on north end of site.

Comments:

ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: WP-02

DATE: 3/11/87 TIME: ________ ANALYST: SBC TOWN: Walpole

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):



①	Commonwealth of Mass	144.9 A
2	VE K-9 Academy Inc.	2.01
3	Joseph Benson	7.53
4	[illegible] Roberts	14,000 S.F.
5	Lawrence Dolan	27,000 S.F.
6	Wm Clayton	34,000 S F
7	Alfonso Sarno	16,000 S.F.
8	Gertrude Duval	18,000 SF.
⑨	Henry Scanzio	21,000 SF
10	Forest White	21,000 SF
⑪	James Lamonica	15,000

Development Proposal for Site (Engineering or Planning Dept.):

none

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

① North of Winter street on ~~Wes~~ town boundary 143.5 A

② North of [illegible] St. along Main st. 27 A.

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

① Preliminary Plans approved - Bird Farm Realty Trust

② Prelim. " " - Sankel Realty Trust

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

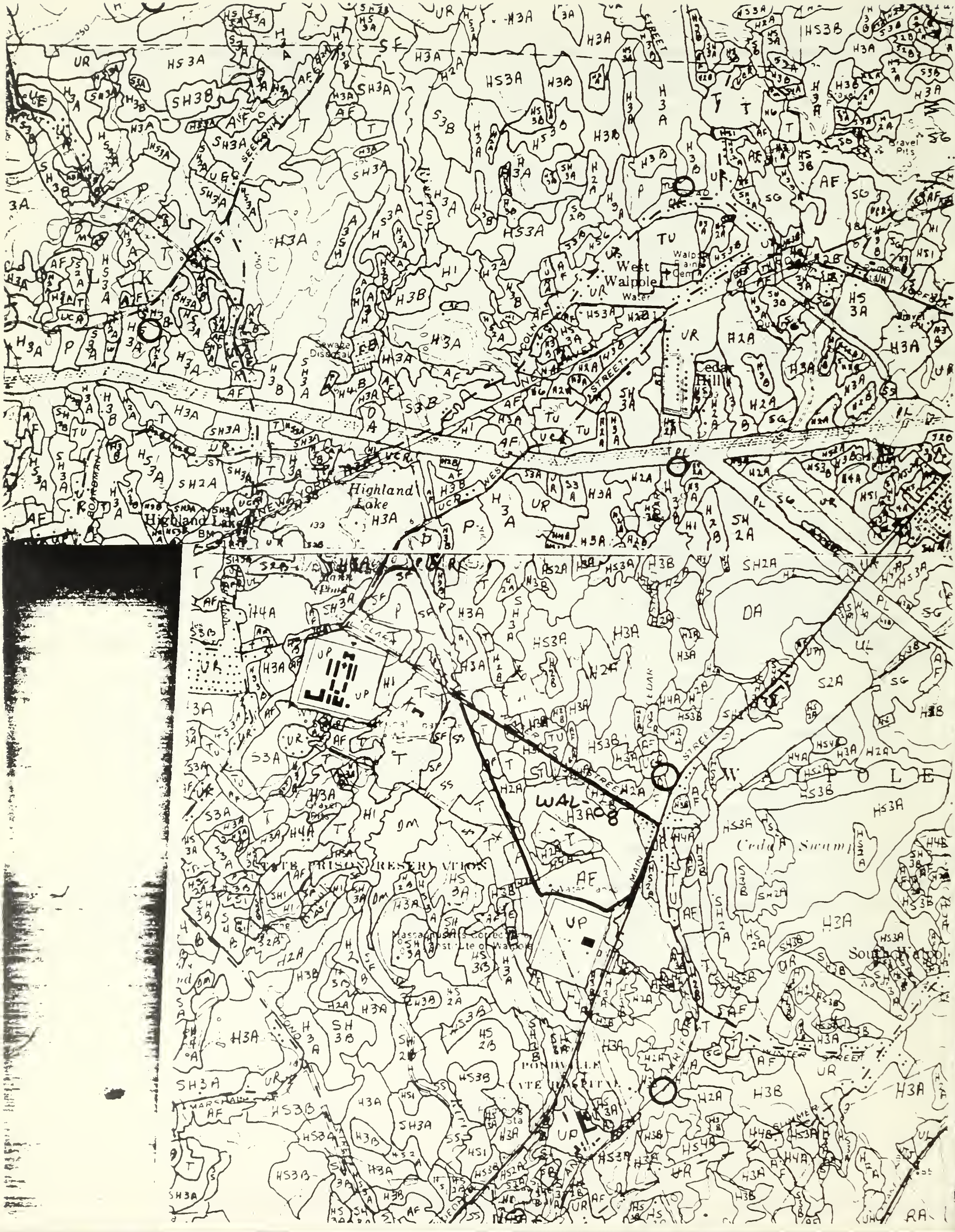
Planning secy - Cindy, [illegible]

SITE NUMBER: WLP-08

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
o Base Soil Characteristics	2	2.	
o Topography	3	2.	
o Depth to Bedrock	2	1 (averaged)	TS/LD
o Potential for on-site Contamination	3	3	
ENGINEERING CONSIDERATIONS TOTAL	10	6	
NOISE ENVIRONMENT			TS/LD
o Proximity to Sensitive Noise Receptors	6	1.	prison abutts site border - put high prison walls would act as sound barrier to site [illegible]
o Proximity to Existing Major Noise Sources	4	1.	
NOISE ENVIRONMENT TOTAL	10	2.	
LAND USE			PH
o Current Site Use	3	1	
o Neighboring Land Use	3	2	
o Proximity to Sensitive Receptors	2	1	
o Community Development Objectives	2	0	
LAND USE TOTAL	10	4	
CULTURAL RESOURCES			
o Proximity to Historical Resources	6	4.	TS/LD
o Proximity to Archeological Resources	4	1.	
CULTURAL RESOURCES TOTAL	10	5.	
TRANSPORTATION			
o Site Rail Access	2	1	< ½ km E of site
o Site Coastal Access	2	0.	TS/LD
o Site Roadway Access	3	2.	site access through residential areas
o Traffic Operations Level of Service	3	1.	
TRANSPORTATION TOTAL	10	4.	

SITE NUMBER: PAGE 2 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			[illegible] H_2O TS. LD
o Proximity to Surface Water Bodies	3	1.5	
o Proximity to 100 Year Flood Zone	2	1.5	
o Water Quality Classification	5	3.	
SURFACE WATER TOTAL	10	6.	
GROUND WATER			
o Presence of Aquifer	2	2	TS/LD
o Well Yield Potential	4	4	
o Proximity to Drinking Water Wells	4	4	
GROUND WATER TOTAL	10	10.	
WETLANDS			
o Presence of Wetland On-Site	6	4	TS/LD
o Proximity to Off-Site Wetlands	4	0.	
WETLANDS TOTAL	10	4	
ECOLOGY			
o Presence of Threatened or Endangered Species	4	2	Site [illegible] is forested [illegible] suitable habitat [illegible] TS/LD
o Terrestrial Ecology	2	1.	
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	7.	
AIR QUALITY/ODORS			
o Impact Area Characteristics	3	3	TS/LD
o Dispersion Characteristics			
- Ventillation	2	2	
- Terrain	1	1	
o Existing Air Quality/Source Characteristics			
- Attainment Status	2	2	
- Industrial Land Use	2	2	
AIR QUALITY/ODORS TOTAL	10	10.	
SITE TOTAL	100	60	


West Walpole
Walpole Water
Highland Lake
Sewage Disposal
Cedar Hill
Gravel Pits
STATE PRISON RESERVATION
Massachusetts Correctional Institute of Walpole
WALPOLE
Cedar Swamp
South Walpole
POND... STATE HOSPITAL
STREET
WEST
NEW
CLARK
MAIN
WINTER STREET
SUMMER
MARSHALL

WLP-15

SITE DATA FILE INDEX RECORD

SITE: WXP-15

	PAGE:	QUALITY ASSURANCE REVIEW:
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information		

QA Performed By: John Ranslow

Date: 8/17/87

REFERENCES
SITE ID WP-15

1. USGS Topographic Map
   Medfield Ma
   N4207.5-W7115/7.5
   1970
   Photo Revised 1979
   AMS 6768 III NE - Series V814

2. USFWS Map
   Medfield MA
   Aerial Photography
   Date: 4/77
   Scale: 1:80,000
   Type: B-W

3. DEQE Groundwater Map
   MA DEQE/Division of Water Supply
   1982 Water Source and
   Aquifer Information Overlay
   Quad: Medfield, Ma

4. DEQE Waste Source Map
   MA DEQE/Division of Water Supply
   1982 Waste Source and
   Drainage Basin Overlay
   Quad: Medfield, MA

5. FEMA Flood Map
   Flood Insurance Rate Map
   Town of Walpole, MA
   Norfolk County
   250254 0001-0002
   Revised March 24, 1978

6. USDA/SCS Map
   United States Department of Agriculture
   1987 Soils Conservation Service Soil Survey
   Norfolk County

Performed By:
Date: 8/17/87

REFERENCES CONTINUED
SITE ID WLP-15

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Walpole
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Walpole
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Medfield, Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
of the Town of
Walpole, Ma
Walpole Planning Board
January 1984

Performed By: J. Rangler
Date: 6/17/87

MWRA Map-Level Analysis

Site #: WLP-15

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Medfield, MA

Site Area(acres): ~~653~~ 589 (ON)

Site Dimensions(m): Length: 2000 Width: 1400

Site Location: UTMx: 4672 UTMy: 313 UTMz: 250

Site Elevation(ft): Min: 160 Max: 280

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: N [✓ S] E W

Utilities On-site: [✓ Yes] No Describe:

~~Pipeline cuts~~
Single line power line cuts across N-W edge of site

Comments:

Air Quality

Highest Terrain(3 km radius): ~~350~~ 370

Greater than 5 peaks 100 ft. above site elevation: [✓ Yes] No

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	10
Commercial/Industrial	<1.0
Other	89

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area		
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: WLP-15

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 128/95 Distance from site(km): 6.8

Second. Road Name: High St. Travel Distance(km): 5.7

Second. Road Name: North St. Travel Distance(km): 1.3

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 1 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name:_____________ Approx. Width:______ Depth:______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance:_____

Comments:

#

Sensitive Receptors (3km.)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Agricultural Sch.	2800	E
Athletic Field	3000	E
Church	3000	E
Church	2400	E
Fisher Sch.	2600	S
Wheelock Sch.	2300	W
~~Comments:~~ Medfield Jr. High Sch.	2800	W
Kingsbury Sch.	2700	W

Sensitive #	Receptors Distance
0	0 - 1/2 km
0	1/2 - 1 km
0	1 - 2 km

MWRA Map-Level Analysis Site #: WLP-15

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: [illegible]

Standing Water On-site %: 10 (wetlands)

Distance to nearest surface water (km): <.1 wetlands

Identity of Surface Water: Name/Description Classification(310 CMR)

Willett Pond (E)
Bubbling Brook (E)
Mine Brook (S)
Mill Brook (W)
Jewells Pond (W)
Pettee Pond (E)

Comments:

Wetlands adjacent (N) to site boundary.

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-15

Date: 11/11/86 Analyst: L. Day

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
2	PFO1
1	POW
3	PFO1

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
55	600	PFO1
40	1000	PFO1
2	1600	PEM
1	1600	$P\frac{AB}{OW}$
3	1400	$P\frac{AB}{OW}$
2	2000	POW
2	2000	PFO1
1	1400	POW
6	1700	PFO1
8	2000	PFO1
15	1200	PFO1
2	1300	PEM
2	1900	PSS1
1	1400	POW
6	1100	$P\frac{FO}{SS}1$
6	1100	$P\frac{FO}{SS}1$
4	1800	PFO1
10	1400	PFO1
6	1800	PFO1
1	1200	PFO1
1	1600	POW
3	1600	$P\frac{FO}{SS}1$
12	1800	PEM
25	1500	PFO1
30	1000	PFO1

Comments

Acreage –
on site: 6.00
off site: 244.00

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-15

Date: 10/29/86 Analyst: T. Slocum

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL, or L,	< 100 gpm	100%

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)

None on site

Comments:

Off-site(2 km):

Aquifers(list):*

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL, or L,	(< 100 gpm)	92%
M,	100-300 gpm	5%
H,	> 300 gpm	3%

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
Medfield Active	>300 gpm	1100 m	SW	
Active	>300 gpm	1290 m	SW	
Active	>300 gpm	1420 m	SW	
Walpole Active	> 300 gpm	1030 m	S	
"	"	1490 m	S	
"	"	1920 m	S	
Abandoned	100-300 gpm	1030 m	SE	

No water table data

Comments:

* About 1/3 of circle lies outside of MWRA area (no data) & isn't included in the percent total.

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-15

Date: 10/29/86 Analyst: TMS

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
NONE w/i 2 km of site		

Comments:

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-15

Date: 12/15/86 Analyst: TMS

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List: Surface impoundment 1300 m S

landfill (status unknown) 1700 m S

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: 10C P-15

Date: 11/15/86 Analyst: Ellen Brsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: 200 M

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: WC-15

Date: 12/[illegible] Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
37B		5	
113B		20	
114B		35	
7C		10	
114C		5	
45		5	
222B		10	
122B		[illegible]	
32B		5	

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-15

Date: 11/21/86 Analyst: L Day / D Neal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 1

Comments (describe if possible)

No Rare Species

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP 15

Date: 11/10/86 Analyst: S. CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
5	RESIDENTIAL
4	OPEN/REC
90	FOREST
	AGRICULTURAL
1	WATER

Off-site (1 km):

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
30	RESIDENTIAL
5	OPEN/REC
40	FOREST
10	AGRICULTURAL
10	FRESH WETLAND
5	WATER

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Walpole Site #: WCP-15

Date: 11/1[illegible] Analyst: P[illegible]

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
--------	INDUSTRIAL
--------	COMMERCIAL
--------	RESIDENTIAL
[illegible]	OTHER Rural

- Rural is a residential zone

Off-site(1 km):

Percent Coverage	Category
--------	INDUSTRIAL
--------	COMMERCIAL
--------	RESIDENTIAL
100%	OTHER * Rural

Comments

* This doesn't [illegible]
within 1 KM - some lands [illegible]
Medfield and Dover [illegible]
[illegible]
up [illegible] 0.6 KM [illegible]

MWRA Field Survey Site #: WLP-15

Date: 11/17/96 Time: 12:10 Survey Team: L Ing T. Slocum

On-site Land Use(describe)

South-east corner –
Agriculture - farmland.
Existing new housing development in central - southern portion of site. (see corrections of land use map').
Water tank at [illegible] end of site.
Lots of open wooded land at northern end of site

Abutting Land Use(describe)

Wooded areas.
Topo map/information residential areas – new development
in southern area.

Sensitive Receptors(additional)

MWRA Field Survey

Site #: [illegible]

Date: 11/7/86 Time: 12:10 Survey Team: Wiley T. Slocum

Noise

General Environment: [✓ Quiet] Noisy Very Noisy

Sources(list):	Description	Approx. Distance
	Residential - some noise from Route 1A.	

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

Primary. Rt 1A to Walpole and then

access from North St. (Walpole) (secondary)

- High St. (Medfield) is very narrow, rural, bridges have low weight limits.

site is well buffered by forest

Water tower is on site (public drinking water service?)

Sunny, 13°

MWRA Field Survey Site Location: Walpole Site #: WLP-15

Date: 11/17 Time: 12:15 pm Survey Team: Day, Slocum

PHOTO CHECK LIST

Roll #	Picture #	Description
E -	#4	Facing 10° from residential road in southern portion of site
E -	#5	Facing 140° from same pos'n as #E-4
	#6	Facing 260° "Sunny Rock Farm" at North St S.E. portion of site
	#7	Look! They already have a sludge pile! Sunny Rock Farm.
	#8	View from water tank in west portion of site, facing 120°
	#9	Same as #7

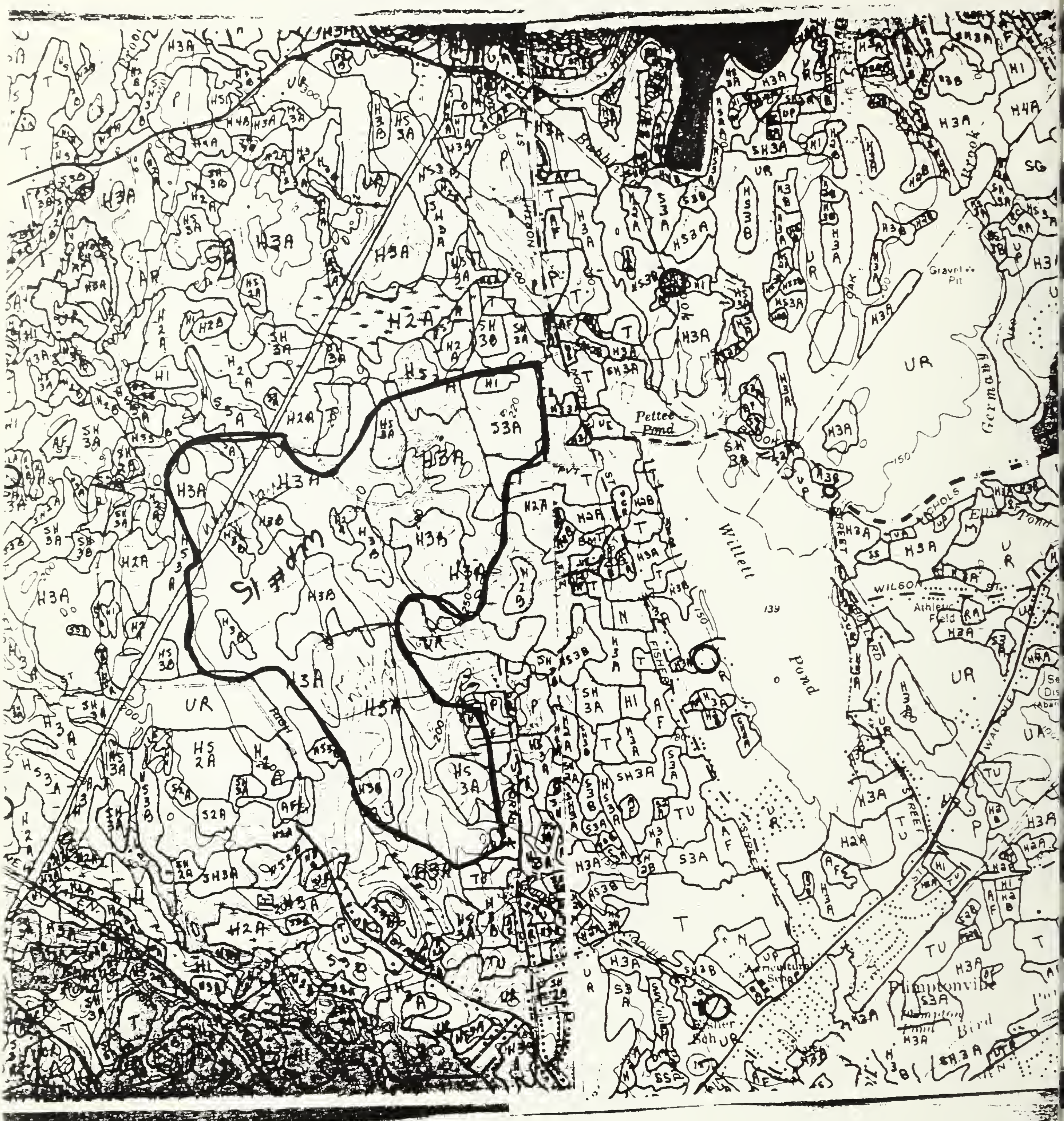
Comments:

SITE NUMBER: WLF-15 PAGE 1 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
○ Base Soil Characteristics	2	2.	– NE [illegible] serious [illegible]
○ Topography	3	2.	
○ Depth to Bedrock	2	1.	T/LP
○ Potential for on-site Contamination	3	3.	
ENGINEERING CONSIDERATIONS TOTAL	10	8.	
NOISE ENVIRONMENT			TK/LP
○ Proximity to Sensitive Noise Receptors	6	2	same noise [illegible] but [illegible] large site
○ Proximity to Existing Major Noise Sources	4	0.	
NOISE ENVIRONMENT TOTAL	10	2.	
LAND USE			PH – site is so large, that although partially [illegible]
○ Current Site Use	3	1	
○ Neighboring Land Use	3	1	
○ Proximity to Sensitive Receptors	2	2	
○ Community Development Objectives	2	0	
LAND USE TOTAL	10	4	
CULTURAL RESOURCES			TK
○ Proximity to Historical Resources	6	4.	
○ Proximity to Archeological Resources	4	1.	– unclear, [illegible] low potential [illegible]
CULTURAL RESOURCES TOTAL	10	5	
TRANSPORTATION			
○ Site Rail Access	2	0	TK/LP
○ Site Coastal Access	2	0	
○ Site Roadway Access	3	0.	– only [illegible] residential [illegible] area.
○ Traffic Operations Level of Service	3	2.	– north street [illegible] / winding [illegible]
TRANSPORTATION TOTAL	10	2.	

SITE NUMBER: PAGE 2 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			
○ Proximity to Surface Water Bodies	3	1	TS/LD
○ Proximity to 100 Year Flood Zone	2	2. (200 m.)	
○ Water Quality Classification	5	3.	
SURFACE WATER TOTAL	10	6.	
GROUND WATER			
○ Presence of Aquifer	2	1.5	TS/LD
○ Well Yield Potential	4	2	
○ Proximity to Drinking Water Wells	4	4.	
GROUND WATER TOTAL	10	7.5	
WETLANDS			
○ Presence of Wetland On-Site	6	4.	TS/LD
○ Proximity to Off-Site Wetlands	4	0.	
WETLANDS TOTAL	10	4.	
ECOLOGY			TS/LD
○ Presence of Threatened or Endangered Species	4	2.	large open undeveloped - good potential hab. at on-site.
○ Terrestrial Ecology	2	1	
○ Aquatic Ecology	4	4.	
ECOLOGY TOTAL	10	7.	
AIR QUALITY/ODORS			
○ Impact Area Characteristics	3	3.	TS/LD
○ Dispersion Characteristics			
- Ventillation	2	2	
- Terrain	1	1	
○ Existing Air Quality/Source Characteristics			
- Attainment Status	2	2	
- Industrial Land Use	2	2	
AIR QUALITY/ODORS TOTAL	10	10	
SITE TOTAL	100	55.5	


WP #15
Willett Pond
139
Pettee Pond
Germany Brook
Gravel Pit
Wilson St
Athletic Field
Nichols St
Elliot St
Fisher St
North St
Walpole
Plimptonville
Bird Pond
Agricultural School
Fisher Sch
UR
H3A
H2A
H3B
SH3A
HS3A
S3A
T
TU
P
HI

WLP-13

SITE DATA FILE INDEX RECORD

SITE: WCP-L3

	PAGE:	QUALITY ASSURANCE REVIEW:
I. Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information		

QA Performed By: JoAnn Ranslow

Date: 8/17/87

REFERENCES
SITE ID WCP-13

1. USGS Topographic Map
Medfield Ma
N42O7.5 - W 7115/7.5
1970
PhotoRevised 1979
AMS 6768 III NE - Series V814

2. USFWS Map
Medfield Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Medfield, Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Medfield Ma

5. FEMA Flood Map
Flood Insurance Rate Map
Town Of Walpole, Ma
Norfolk County
250 254 0001-0002
Revised March 24, 1978

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Norfolk County

Performed By: J Randlow
Date: 8/17/87

REFERENCES CONTINUED
SITE ID WLP-13

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Walpole
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Walpole
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Medfield Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
of the Town of Walpole, Ma
Walpole Planning Board
January 1984

Performed By: J. Ranslow
Date: 8/17/87

MWRA Map-Level Analysis

Site #: WLP-13

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: Medfield, MA

Site Area(acres): ~~210~~ 291 ON

Site Dimensions(m): Length: 900 Width: 1800

Site Location: UTMx: 4673.8 UTMy: 313.3 UTMz: 250

Site Elevation(ft): Min: 190 Max: 290

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: N [✓ S] E W

Utilities On-site: [✓ Yes] No Describe:

~~Pipline~~ Powerline

Comments:

Air Quality

Highest Terrain(3 km radius): 420

Greater than 5 peaks 100 ft. above site elevation: [✓ Yes] No

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	15
Commercial/Industrial	<1.0
Other	84

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area	✓	
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments:

MWRA Map-Level Analysis Site #: WLP-13

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: 128/95 Distance from site(km): 5.7

Second. Road Name: High Street Travel Distance(km): 5.7

Second. Road Name: North St. Travel Distance(km): .1

Railroad(within 2 km): Yes [✓ No]

Number of Tracks: ____ Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name: ____________ Approx. Width: ______ Depth: ______

Pier/Wharf: Yes [✓ No] Bridges: Yes [✓ No] Clearance: _____

Comments:

Sensitive Receptors (3km)

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Jones Sch.	2000	E
church	3000	E
Willett Sch.	3100	E
Pond Plain Sch.	2400	E
church	2400	E
Kingsbury High Sch.	3000	W

Comments:

Sensitive Receptors

#	Distance
0	0-½ km
0	½-1 km
0	1-2 km
6	2-3 km

MWRA Map-Level Analysis Site #: WLP-15

Date: 11-07-86 Analyst: L. Day

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: no data avail. need field (evaluation)

Standing Water On-site %: 15 (wetlands)

Distance to nearest surface water (km): <.1 (wetlands)

Identity of Surface Water: Name/Description Classification(310 CMR)

Mill Brook (W)
Bubbling Brook (E)
Tubwreck Brook (N)
Willett Pond (S)
Pettee Pond (S)
Chickering Lake (N)
Echo Lake (N)

Comments: use USGS Topo for drainage basins

wetlands south-adjacent to site boundar

MWRA Map-Level Analysis   Site Location: Walpole   Site #: WLP-13

Date: 11/11/86   Analyst: L. Day

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
2	PEM
2	P$\frac{AB}{OW}$
1	P$\frac{AB}{OW}$
2	POW
2	PFO1
1	POW

4 PFO1

$\frac{1}{2}$ on 4 $\frac{1}{2}$ off 5 PFO1

$\frac{1}{2}$ on 1 $\frac{1}{2}$ off 40 PFO1

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
50	600	PFO1
8	1000	P$\frac{FO}{SS}$1
2	1000	PEM
4	1000	PFO1
10	900	PFO1
8	1200	PFO1
1	1000	POW
4	1800	PSS1
15	1200	P$\frac{FO}{SS}$1
4	1800	POW
1	1800	PFO1
1	1800	PSS1
2	1300	PEM
6	1600	PFO1
1	1600	POW
30	1400	PFO1
1	1500	POW
30	1600	PFO1
20	1800	PEM
2	1400	PFO1
1	1400	POW
1	1700	POW
1	1700	PFO1

Comments

Acreage –
on site: 19.00
off site: 248.00

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-13

Date: 10/29/86 Analyst: T. Slocum

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL, or L,	< 100 gpm	100%

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
NONE on-site		

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
L, or LL,	< 100 gpm	85%
M,	100-300 gpm	10%
H,	> 300 gpm	5%

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
301 A Active	> 300 gpm	1870 m	N.E	No water table data

Comments:
Only ½ of the 2 km radius circle falls within the MWRA study area. The percent coverage includes only this area (no data for area outside MWRA Boundary). There is a wetland North of the site, across the boundary, which likely has a high yield.

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP-13

Date: 10/24/86 Analyst: TMS

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry (m)
305K (Buckmaster Pond)	- MDC reserve or abandoned reservoir.	1800 m NE

Comments:

MWRA Map-Level Analysis   Site Location: Walpole   Site #: WLP-13

Date: 11/4   Analyst: TMS

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: Yes [✓ No]

List:

Comments:

MWRA Map-Level Analysis Site Location: Walpole (north) Site #: WLP-13

Date: 11/5/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: 120m

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-13

Date: 12/11/86 Analyst: SBC

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
7C		10	
122B		20	
122C		5	
113B		40	
32B		10	
78		5	
8C		10	

Comments:

MWRA Map-Level Analysis Site Location: Walpole Site #: WLP-13

Date: 11/21/86 Analyst: L Day / D Neal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 1

Comments (describe if possible)

No Rare Species

MWRA Map-Level Analysis Site Location: WALPOLE Site #: WLP 13

Date: 11/11/86 Analyst: S. CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
	INDUSTRIAL
20	COMMERCIAL
5	RESIDENTIAL
3	OPEN/REC
70	FOREST
	AGRICULTURAL
2	FRESH WETLAND

Off-site(1 km):

Percent Coverage	Category
5	INDUSTRIAL
10	COMMERCIAL
30	RESIDENTIAL
5	OPEN/REC
40	FOREST
5	AGRICULTURAL
15	FRESH WETLAND

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Walpole Site #: D-1

Date: 11/13 Analyst: P[illegible]

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
100	OTHER Rural

Off-site(1 km):

Percent Coverage	Category
	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
100%	OTHER (rural

Comments

* This does [illegible] all [illegible]
from Same [illegible]
[illegible]
Site [illegible]

MWRA Field Survey Site #: WCF-3

Date: 11/17/96 - Time: 1:20 Survey Team: L Day, T Slocum

On-site Land Use(describe)

western ½ land use is covered — wooded
Even small stream [illegible] (N-to-S on western edge)
small parcel at end of road.

At eastern side [illegible] Norfolk County Ecological Labor./
originally farmlands cleared land.

[illegible]

Abutting Land Use(describe)

Housing development to the North of site (indicated on land use map) Extensive residential area.

Abutting North of site - residential (sparce) and large recreational - tennis facility

South end - not accessible — wetlands

Sensitive Receptors(additional)

Norfolk Ecological Laboratories on eastern side of site → part of Norfolk County Agric. School

MWRA Field Survey

Site #: WLP-13

Date: 11/17/86 Time: 1:20 Survey Team: L Day / T. Slocum

Noise

General Environment: [✓ Quiet] Noisy Very Noisy

Sources(list): Description Approx. Distance

Very slight noise from [illegible]

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

primary access is Rt 109

Secondary - residential roads off rt 109 (south of)

buffer: fairly isolated - lots of woods

MWRA Field Survey Site Location: Walpole Site #: WLP-13

Date: 11/17 Time: 1:30 Survey Team: L. Day, T. Slocum

PHOTO CHECK LIST

Roll #	Picture #	Description
E - 10		Facing 90° from Dirt Road ~~along~~ through west end of site
E - 11		Facing 220° from residential St. at north end of site (bldg [illegible])
E - 12		Facing 240° from Ecological Laboratory Area of the Norfolk County Agric. School. Across farm fields ~~fr~~ (North St. - near Rt 1'9 E NE corner of site)

Comments:

13 Facing 300° from North St SE corner of site (S end of agric fields)

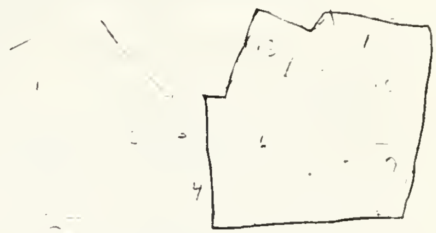
ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: WAL-13

DATE: 5/4/83 TIME: 1040 ANALYST: SBC TOWN: walpole

ON SITE:

Identify Parcels - Acreage and Owner - (Assessor Office):

[illegible]	24.1
[illegible] in transaction	41.1
Kenneth Isaacs	11.2
Boston Edison Co	2.1
Norfolk County	14.9
"	10.2
"	3.27
	6.46
	20



10 Norfolk cy

11 "

12 "

13 "

3.21

1.79

15.03

Norfolk cy total - 75.1

Development Proposal for Site (Engineering or Planning Dept.):

[illegible]

[illegible] pit.

[illegible] county farm.

OFF SITE:

Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

[illegible]

Development Proposal for Abutting Lands (Engineering or Planning Dept.):

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

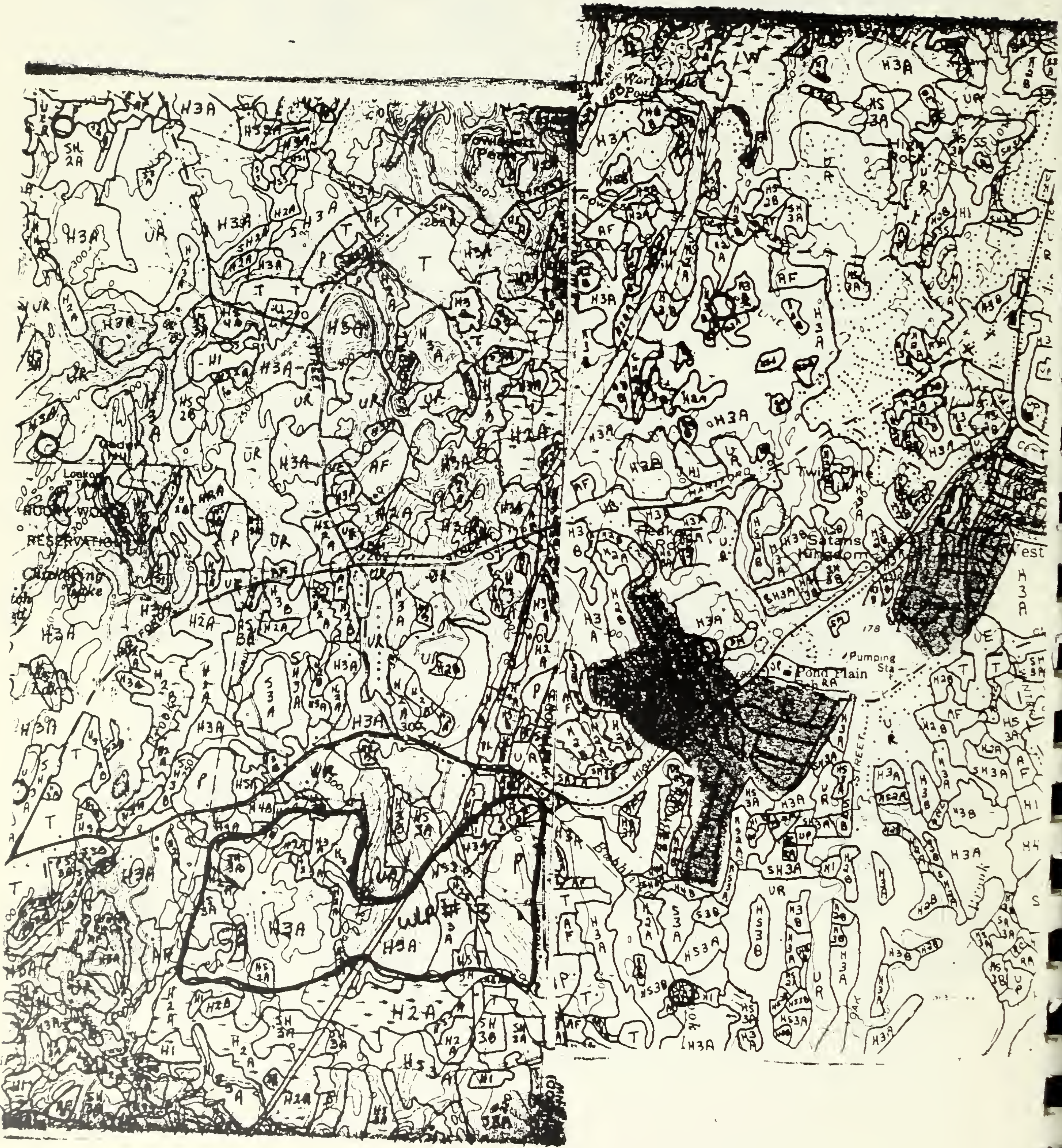
[illegible]

SITE NUMBER: WLP-13 PAGE 1 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
o Base Soil Characteristics	2	1. *	[illegible]
o Topography	3	2. - W [illegible] complex	
o Depth to Bedrock	2	1.	TS/LD
o Potential for on-site Contamination	3	3.	
ENGINEERING CONSIDERATIONS TOTAL	10	7.	
NOISE ENVIRONMENT			
o Proximity to Sensitive Noise Receptors	6	3	Some [illegible] but [illegible] - [illegible]
o Proximity to Existing Major Noise Sources	4	1	TS/LD
NOISE ENVIRONMENT TOTAL	10	4.	
LAND USE			R1+ - large site
o Current Site Use	3	1	
o Neighboring Land Use	3	2	
o Proximity to Sensitive Receptors	2	2	
o Community Development Objectives	2	0	
LAND USE TOTAL	10	5	
CULTURAL RESOURCES			TS
o Proximity to Historical Resources	6	4.	
o Proximity to Archeological Resources	4	1	[illegible]
CULTURAL RESOURCES TOTAL	10	5.	
TRANSPORTATION			
o Site Rail Access	2	0.	TS/LD
o Site Coastal Access	2	0.	
o Site Roadway Access	3	3	[illegible]
o Traffic Operations Level of Service	3	2	[illegible]
TRANSPORTATION TOTAL	10	5.	

SITE NUMBER: PAGE 2 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			TS – [illegible]
o Proximity to Surface Water Bodies	3	1.	
o Proximity to 100 Year Flood Zone	2	2.	TS/LD
o Water Quality Classification	5	3	
SURFACE WATER TOTAL	10	6.	
GROUND WATER			–/LD
o Presence of Aquifer	2	2	
o Well Yield Potential	4	4	
o Proximity to Drinking Water Wells	4	4	
GROUND WATER TOTAL	10	10	
WETLANDS			
o Presence of Wetland On-Site	6	4.	TS/LD
o Proximity to Off-Site Wetlands	4	0.	
WETLANDS TOTAL	10	4.	
ECOLOGY			large undeveloped land – good potential for [illegible] habitat
o Presence of Threatened or Endangered Species	4	3.	TS/LD 5
o Terrestrial Ecology	2	1.	
o Aquatic Ecology	4	4	
ECOLOGY TOTAL	10	8.	
AIR QUALITY/ODORS			
o Impact Area Characteristics	3	3.	–/LD
o Dispersion Characteristics		2	
– Ventillation	2		
– Terrain	1	.5 –	[illegible] – ridge-like feature – west off [illegible]
o Existing Air Quality/Source Characteristics			
– Attainment Status	2	2	
– Industrial Land Use	2	2.	
AIR QUALITY/ODORS TOTAL	10	9.5	
SITE TOTAL	100	63.5	


H3A
UR
AF
T
P
H2A
H1
H3B
SH3A
HS3A
HS3B
UWA #13
Worden Pond
Lookout Pt.
Hook Woods Reservation
Hartford
Peakes Road
Satans Kingdom
Twin Pine
Pond Plain
Pumping Sta.
Street
West

WIL-08

SITE DATA FILE INDEX RECORD

SITE: WIL-03

	PAGE:	QUALITY ASSURANCE REVIEW:
Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information		

QA Performed By: [illegible]

Date: 2-[illegible]-87

REFERENCES
SITE ID WIL-08

1. USGS Topographic Map
Wilmington Ma
N4230-W7107.5/7.5
1965
Photorevised 1979
AMS [illegible]

2. USFWS Map
Wilmington Ma
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Wilmington Ma

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Wilmington Ma

5. FEMA Flood Map
Flood Insurance Rate Map
Town of Wilmington
Middlesex County
250227 0001-0004
June 15, 1982

6. USDA/SCS Map
United States Department of Agriculture
1987 Soils Conservation Service Soil Survey
Middlesex County

Performed By: [illegible]

Date: [illegible]

REFERENCES CONTINUED

SITE ID WIL-08

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Wilmington
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Wilmington
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Wilmington, Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Zoning District Map
Town of Wilmington
Robert L. Higgins - Town Engineer
January, 1983

Performed By: P Mar

Date: 03/ - /15

MWRA Map-Level Analysis

Site #: WIL-08

Date: 11/7/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: WILMINGTON Site Area (acres): 72.9

Site Dimensions (m): Length: 625 Width: 750

Site Location: UTMx: 323.2 UTMy: 4717.9 UTMz: _______

Site Elevation (ft): Min: 140 Max: 170

General Slope: [✓ 0-3%] 3-10% 10-20% >20% Direction: N S E [✓ W]

Utilities On-site: [✓ Yes] No Describe: Power lines intersect the south end of the site.

Comments:

Air Quality

Highest Terrain (3 km radius): 250

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	10
Commercial/Industrial	2.0
Other	88

Attainment Status:
(see town lists)

	~~TSP~~	~~CO~~
1. Attainment Area		
2. Non-Attainment Area	---	---
3. Attainment Area within 3 km of NA Area	---	---

Comments:

MWRA Map-Level Analysis

Site #: WIL-C8

Date: 11/7/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: Rte. 125 Distance from site(km): 0.7

Second. Road Name: ______ Travel Distance(km): 0.5

Second. Road Name: Woburn St. Travel Distance(km): <0.1

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 2 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name: ______ Approx. Width: ______ Depth: ______

Pier/Wharf: Yes No Bridges: Yes No Clearance: _____

Comments:

Sensitive Receptors

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Murphy School	3000	E
N.R. Rehab. Center	2800	E
Woburn St. School	3000	S
Wilmington Interm. School	1900	S
Whitefield School	3000	S
Shopping center	3000	E

~~Comments~~:

MWRA Map-Level Analysis Site #: WIL-05

Date: 11/7/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: SW37A (40%) IP19 (20%)

Standing Water On-site %: 2.0

Distance to nearest surface water (km): 0.6

Identity of Surface Water: Name/Description Classification(310 CMR)

Shawsheen River

Fosters Pond

Martins Pond

Martins Brook

Lubbers Brook

21 unlabeled ponds

Comments:

MWRA Map-Level Analysis Site Location: WILMINGTON Site #: WIL-08

Date: 11/10/86 Analyst: DRN

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
2	PFO1
3	PFO1
1	PFO1

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
3	400-500	PFO1
5	1300-1600	PFO1
7	1000-1400	PFO1
7	600-800	PFO1
8	1000	PFO1
32	1000-1900	PFO1
7	800-1000	P$\frac{FO}{SS}$1
8	1400-1700	PFO1
65	400-1800	PFO1, PSS1, P$\frac{SS1}{EM1}$, POW
6	200-400	P$\frac{FO}{SS}$1
20	500-1200	PSS1, PFO1,
>150	500-2300	PSS1, PFO1
20	300-600	PEM, PFO1

Comments

MANY SMALLER WETLANDS OFF-SITE

Acreage -
onsite: 6.00
off site: > 338.00

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-08

Date: 11/3/86 Analyst: Ellen Borsuk

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL1		55
L7		45

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
none		

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
L1		30
L7		5
M7		40
L		15
M1		5
H7		5

Wells(list):

	Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N,S,E,W)	Depth to Water Table(ft)
213 307A	Active Well		1600	NE	
213 200A	"		1700	E	
213 301 A	"		1700	E	
342 300A	"		2000	SE	
342 307#	Contaminated Wellfield		1100	SE	
295 313E	Well not in use		2000	W	

Comments:

MWRA Map-Level Analysis Site Location: Wilmington Site #: 101C-08

Date: 11/3/86 Analyst: Ellen Borsuk

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
none		

Comments:

MWRA Map-Level Analysis   Site Location: WILMINGTON__   Site #: WIL-08

Date: 11/4/86__   Analyst: _S CHRISTIAN_

DEQE WASTE SOURCE MAP

Waste Sources

On-site: [✓ Yes] No

List:

001 D	verified surface impoundment

Off-site: [✓ Yes] No

List:

003 G	closed landfill *	1500 m	W
0201	reported surface impoundment	500 m	W
0197	verified surface impoundment	1000 m	NW
	automobile junkyard	1000 m	NW
003 A	Hazardous waste site under investigation	1800 m	NNW

Comments:

G denotes active landfill, but symbol was for closed landfill

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-08

Date: 11/5/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: 750

Comments:

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-08

Date: 12/11/86 Analyst: L. Newman

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
114-B-1		30%	2
367-B-1		35%	0
8-BC-1		10%	C
34-A-1		15%	2
182-B-1		10%	2

Comments:

MWRA Map-Level Analysis Site Location: Wilmington Site #: WL-C8

Date: 11/21/86 Analyst: L Day / D Neal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 0

Comments (describe if possible)

No Rare Species

MWRA Map-Level Analysis Site Location: WILMINGTON Site #: WIL-05

Date: 11/12/86 Analyst: S CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
20	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
10	OPEN/REC
20	FOREST
	AGRICULTURAL

Off-site(1 km):

Percent Coverage	Category
10	INDUSTRIAL
10	COMMERCIAL
5	RESIDENTIAL
20	OPEN/REC
40	FOREST
5	AGRICULTURAL
10	TRANSPORTATION

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Wilmington Site #: [illegible]

Date: 4/17 Analyst: P Hall

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
100	INDUSTRIAL (General Industrial)
	COMMERCIAL
	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
80	INDUSTRIAL
	COMMERCIAL
20	RESIDENTIAL
	OTHER

Comments

Site abutted by industrially
zoned land [illegible]

MWRA Field Survey Site #: WIL-08

Date: 11/14/86 Time: 9:15 Survey Team: Day, Christian, Ranslow

On-site Land Use(describe)

South western corner of site developed industrial. N-NE + center of site is forested, however, in forest are flags and stakes labeled test pits.

Abutting Land Use(describe)

west - Ballardvile Rd + industrial zone
North - open forest land
East - industrial
South -+125 + industrial zone

Sensitive Receptors(additional)

[illegible] N

MWRA Field Survey Site #: WIL-08

Date: 11/16/86 Time: 9:15 Survey Team: Day, Christian, Ranslow

Noise

General Environment: Quiet [✓ Noisy] Very Noisy

Sources(list): Description Approx. Distance

traffic on Ballardvale, 93 + construction, air traffic

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

Buffers - Ballardvale Rd + industrial zone

Primary Road - 93

Secondary Roads - 125 E (~ .5 km) no light from 125 onto Ballardvale (left turn)

Ballardvale ~ 1 km

Heavy industrial + commercial traffic -

no public access to site boundary

MWRA Field Survey

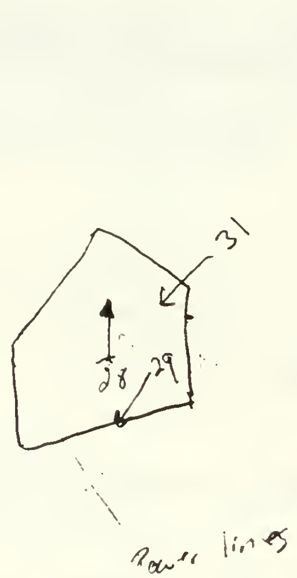
Site Location: wl Site #: 02

Date: 11/18/86 Time: 9:20 Survey Team: [illegible]

PHOTO CHECK LIST

Roll #	Picture #	Description
D	28, 29, 31	

Comments:



SITE NUMBER:

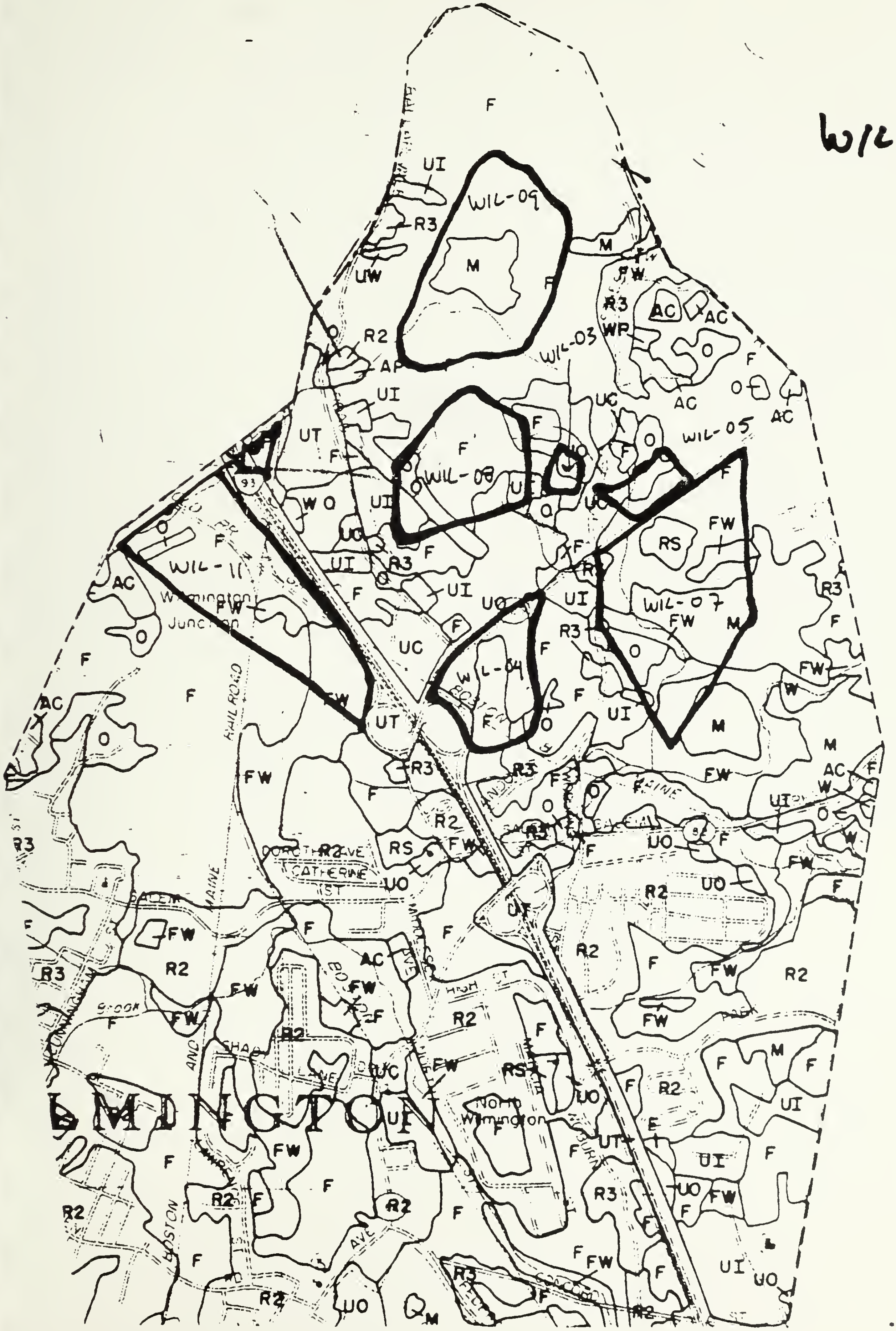
PAGE 1 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			
o Base Soil Characteristics	2	[illegible]	
o Topography	3	[illegible]	
o Depth to Bedrock	2		
o Potential for on-site Contamination	3	[illegible]	
ENGINEERING CONSIDERATIONS TOTAL	10	[illegible]	
NOISE ENVIRONMENT			[illegible]
o Proximity to Sensitive Noise Receptors	6	[illegible]	Commercial [illegible], business, parks, school, and.
o Proximity to Existing Major Noise Sources	4	[illegible] – truck [illegible]	construction [illegible]
NOISE ENVIRONMENT TOTAL	10	2	Highway traffic etc.
LAND USE			PH - maybe in the process of [illegible] clean-up
o Current Site Use	3	3	
o Neighboring Land Use	3	3	
o Proximity to Sensitive Receptors	2	2	
o Community Development Objectives	2	2	
LAND USE TOTAL	10	10	
CULTURAL RESOURCES			[illegible]
o Proximity to Historical Resources	6	[illegible]	
o Proximity to Archeological Resources	4	2 – ±50% of site undeveloped.	
CULTURAL RESOURCES TOTAL	10	3	
TRANSPORTATION			
o Site Rail Access	2	1 – ½ km w	
o Site Coastal Access	2		
o Site Roadway Access	3	[illegible]	
o Traffic Operations Level of Service	3	2	[illegible] of [illegible] at 43 m [illegible] potentially used [illegible]
TRANSPORTATION TOTAL	10	5	

SITE NUMBER:

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			
o Proximity to Surface Water Bodies	3		(250 m)
o Proximity to 100 Year Flood Zone	2		
o Water Quality Classification	5		
SURFACE WATER TOTAL	10		
GROUND WATER			aquifer [illegible]
o Presence of Aquifer	2		
o Well Yield Potential	4	3	
o Proximity to Drinking Water Wells	4		
GROUND WATER TOTAL	10	8	
WETLANDS			
o Presence of Wetland On-Site	6	4	
o Proximity to Off-Site Wetlands	4	[illegible]	~250 m NW [illegible]
WETLANDS TOTAL	10		
ECOLOGY			
o Presence of Threatened or Endangered Species	4		N½ potentially [illegible] habitat
o Terrestrial Ecology	2		
o Aquatic Ecology	4		
ECOLOGY TOTAL	10		
AIR QUALITY/ODORS			
o Impact Area Characteristics	3	3	
o Dispersion Characteristics			
- Ventilation	2		
- Terrain	1	1	
o Existing Air Quality/Source Characteristics			
- Attainment Status	2		
- Industrial Land Use	2		
AIR QUALITY/ODORS TOTAL	10		
SITE TOTAL	100	73	

WIL-08


WIL-09
WIL-03
WIL-05
WIL-08
WIL-11
WIL-07
WIL-04
Wilmington Junction
North Wilmington
WILMINGTON
RAILROAD
DOROTHY AVE
CATHERINE ST
MAINE
SALEM
93
62

WIL-09

SITE DATA FILE INDEX RECORD
SITE: WIL-04

	PAGE:	QUALITY ASSURANCE REVIEW:
Data Sources:		
1. USGS Topo Map	1-3	✓
2. USFWS Map	4	✓
3. DEQE Groundwater Map	5-6	✓
4. DEQE Waste Source Map	7	✓
5. FEMA Flood Map	8	✓
6. USDA/SCS Map	9	✓
7. Natural Heritage/ Historical Society	10	✓
8. MAPC Land Use Map	11	✓
9. Zoning Map	12	✓
II. Field Survey:		
1. Data Forms	13-14	✓
2. Photo Check List	15	✓
III. Assessor Office Investigation:		
1. Data Form	16	✓
IV. Site Screening Criteria:		
1. Scoring Form	17-18	✓
Land Use Map Copy for Site	19	✓
Miscellaneous Information	20	✓

copy of topographic map for site

QA Performed By:

Date: 58 12/87

REFERENCES
SITE ID WIL-09

1. USGS Topographic Map
Wilmington MA
N4230-W7107.5/7.5'
1965
Photorevised 1979
AMS 6569 II SW - Series V814

2. USFWS Map
Wilmington MA
Aerial Photography
Date: 4/77
Scale: 1:80,000
Type: B-W

3. DEQE Groundwater Map
MA DEQE/Division of Water Supply
1982 Water Source and
Aquifer Information Overlay
Quad: Wilmington MA

4. DEQE Waste Source Map
MA DEQE/Division of Water Supply
1982 Waste Source and
Drainage Basin Overlay
Quad: Wilmington MA

5. FEMA Flood Map
Flood Insurance Rate Map
Town of Wilmington
Middlesex County
250227 0001-0004
June 15, 1982

6. USDA/SCS Map
United States Department of Agriculture
[illegible] Soils Conservation Service Soil Survey
Middlesex County

Performed By: [illegible]

Date: [illegible]

REFERENCES CONTINUED
SITE ID WIL-09

7. a. Historical Society
Massachusetts Historical Commisssion
1986 MHC - Historical Registry Inventory
Town: Wilmington
Scale: 1:24,000
b. Natural Heritage Program
1986 Ma. Natural Heritage Program
Rare Species Inventory
Town: Wilmington
Scale: 1:24,000

8. MAPC Land Use Map
Quad: Wilmington Ma
Massachusetts Map Down
1971 Land Use and Vegetation Cover Mapping
Directed by: William P. MacConnell

9. Zoning Map
Town of Wilmington
[illegible]
January [illegible]83

Performed By: Diane

Date: 031[illegible]8

MWRA Map-Level Analysis

Site #: WIL-09

Date: 11/7/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Physical Data

Quad Name: WILMINGTON

Site Area (acres): ~~97.0~~ 115

Site Dimensions (m): Length: 1125 Width: 625

Site Location: UTMx: 323.2 UTMy: 4718.6 UTMz: ________

Site Elevation (ft): Min: 120 Max: 200

General Slope: 0-3% [✓ 3-10%] 10-20% >20% Direction: N [✓ S] E W

Utilities On-site: Yes [✓ No] Describe:

Comments:

Air Quality

Highest Terrain (3 km radius): 250

Greater than 5 peaks 100 ft. above site elevation: Yes [✓ No]

Topographical Characteristics: Flat [✓ Gently Rolling] Coastal Low Lying

Dispersion Environment:

General Land Use	Percent Coverage
Residential	5.0
Commercial/Industrial	1.0
Other	94

Attainment Status:
(see town lists)

	TSP	CO
1. Attainment Area		
2. Non-Attainment Area		
3. Attainment Area within 3 km of NA Area		

Comments: Analysis is based on 95% of the area within 3 km of the site (the Lawrence quad to the north of the site was missing).

MWRA Map-Level Analysis Site #: WIL-09

Date: 11/7/86 Analyst: J. Meli

USGS TOPOGRAPHIC MAP

Transportation

Roadways:

Primary Road Name: Rte. 125 Distance from site(km): 1.2

Second. Road Name: ______ Travel Distance(km): 0.5

Second. Road Name: Woburn St. Travel Distance(km): 1.0

Railroad(within 2 km): [✓ Yes] No

Number of Tracks: 2 Station/Terminal: Yes [✓ No]

Navigable Waterways(adjacent): Yes [✓ No]

Name: ______ Approx. Width: ______ Depth: ______

Pier/Wharf: Yes No Bridges: Yes No Clearance: _____

Comments:

Sensitive Receptors

Name/Description	Distance(meters)	Quadrant(N,S,E,W)
Murphy School	3000	E
Wilmington Interm. School	2600	S
Wilmington Jr. Camp	500	N

Comments:

MWRA Map-Level Analysis

Date: 11/7/86 Analyst: J. Mell Site #: WIL-09

USGS TOPOGRAPHIC MAP

Surface Water

Drainage Basin Names: SW37A (SHAWSHEEN BASIN)

Standing Water On-site %: 0

Distance to nearest surface water (km): 1.0

Identity of Surface Water: Name/Description Classification(310 CMR)

14 unlabeled ponds

Shawsheen River

Fosters Pond

Martins Pond

Martins Brook

Skug River

Comments:

A brook runs across the south end of the site.

MWRA Map-Level Analysis   Site Location: WILMINGTON   Site #: WIL-09

Date: 11/10/86 Analyst: DRN

USFWS WETLANDS MAP

Wetlands

On-site:

Acreage	USFWS Code
1	PAB
2	PFO1
2	PFO1

Off-site(2 km):

Acreage	Distance(m)	USFWS Code
14	800-1300	$P\frac{SS1}{EM}$
20	1200-2000	PSS1, PFO1
18	1000-1100	PSS1
9	1400-1700	PEM
13	400-600	PFO1
12	1400-2000	PFO1
8	900-1200	PFO1
32	1200-2000	PFO1
60	1000-2400	PFO1, $P\frac{SS1}{EM}$, POW
16	1300-2000	PSS1, PFO1
45	1200-2200	~~PSS1~~, PFO1
20	800-1000	PEM, PFO1
2	0-100	PFO1
14	1100-1600	PFO1
12	800-1200	PFO1

Comments

MANY MORE OFF-SITE WETLANDS

Acreage -

on site: 5.00

off site: 295.00

MWRA Map-Level Analysis Site Location: Wilmington Site #: 10IL-09

Date: 11/3/86 Analyst: Ellen Borsuk

DEQE GROUNDWATER MAP

Ground Water

On-site:

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL1		95
L1		5

Wells(list):

Type/Use	Yield(gpm)	Depth to Water Table(ft)
none		

Comments:

Off-site(2 km):

Aquifers(list):

Yield(H, M, L)	Value(gpm)	Percent Coverage
LL1		25
L1		25
M7		15
M1		20
H7		15

Wells(list):

Type/Use	Yield(gpm)	Distance to Boundry(m)	Direction (N, S, E, W)	Depth to Water Table(ft)
213 307 A Active Well		1300	E	
213 200 A "		1700	SE	
213 301A "		1400	E/SE	
342 207H Contanunated Well(s)		1800	S	

Comments:

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-09

Date: 11/3/86 Analyst: Ellen Borsuk

DEQE GROUNDWATER MAP

Surface Public Water Supplies

Name	Type/Use	Distance to Boundry(m)
none		

Comments:

MWRA Map-Level Analysis Site Location: WILMINGTON Site #: WIL-09

Date: 11/4/86 Analyst: S.CHRISTIAN

DEQE WASTE SOURCE MAP

Waste Sources

On-site: Yes [✓ No]

List:

Off-site: [✓ Yes] No

List:

0199	VERIFIED SURFACE IMPOUUDMENT	500 m	W
	Automobile Junkyard	250 m	W
0201	Reported surface impoundment	375 m	SW
003C	Closed dump or landfill	1500m	SW
0202	verified surface impoundment	750 m	S
001A	Hazardous waste site under investigation	1500 m	NW
0198	verified surface impoundment	1250 m	NW
003A	Hazardous waste site under investigation	875 m	NW

Comments:

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-09

Date: 11/5/86 Analyst: Ellen Borsuk

FEMA FLOOD MAP

Floodplain

On-site Percent Coverage: 100 Year: 0

Comments:

Off-site Distance(m): 100 Year: 1300*

Comments: * Possibly less since Fosters Pond is just over the town line (to the East) in Andover. (we don't have the FEMA Andover map

Fosters Pond is 400m to the East (from USGS topo)

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-09

Date: 12/11/86 Analyst: L. Newman

USDA/SCS MAP

Soils

On-site:	Type	Percent Coverage	Drainage Class
114-B-1		[illegible] 40%	2
114-C-1		30%	2
67-B-2		15%	0
34-A-1		10%	2
others (8BC1 138-A-1 138-B-2)		5%	[illegible]
			2

Comments:

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-09

Date: 11/21/86 Analyst: L Day/D Veal

NATURAL HERITAGE

Threatened and Endangered Species

On-site:

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Off-site(1 km):

# Species	Breeding	Resident	Migratory	Habitat
Flora	NA		NA	
Fauna				

Historical

Number On-site: 0

Number Off-site(1 km): 0

Comments (describe if possible)

No Rare Species

MWRA Map-Level Analysis Site Location: WILMINGTON Site #: WIL-09

Date: 11/12/86 Analyst: S. CHRISTIAN

MAPC LAND USE MAP

Land Use

On-site:

Percent Coverage	Category
35	INDUSTRIAL
	COMMERCIAL
	RESIDENTIAL
	OPEN/REC
65	FOREST
	AGRICULTURAL

Off-site(1 km):

Percent Coverage	Category
10	INDUSTRIAL
5	COMMERCIAL
5	RESIDENTIAL
5	OPEN/REC
70	FOREST
5	AGRICULTURAL

Comments: Presence of buffers, abutting land use, etc.

Key:

Category	MAPC Codes
Industrial:	UI, UW, M
Commercial:	UC
Residential:	R1, R2, R3
Open/Rec:	UO, O, RW, RP, RS
Forest:	F
Agricultural:	AC, AP

MWRA Map-Level Analysis Site Location: Wilmington Site #: WIL-09

Date: 11/12 Analyst: P Heidell

ZONING MAP

Zoning

On-site:

Percent Coverage	Category
70	INDUSTRIAL
	COMMERCIAL
30	RESIDENTIAL
	OTHER

Off-site(1 km):

Percent Coverage	Category
40	INDUSTRIAL
	COMMERCIAL
45	RESIDENTIAL
	OTHER

Comments

@ 15% [illegible] Tewksbury.

Site is zoned [illegible] zoned land. [illegible] the southeast, a small strip of residential land (@ 300 meters wide), which is bordered by industrially zoned lands. Southwest, are bounded by [illegible] zoned lands.

MWRA Field Survey

Site #: WIL-09

Date: 11/13/86 Time: 9:45 Survey Team: Das, Christian, Renslow

On-site Land Use(describe)

Northwestern ½ of site - in process of being developed and mining quarry.

Southeastern ½ of site - open forest land

Abutting Land Use(describe)

North of site - couldn't get a great view - but from site looking north
→ forested open lands - [illegible] - [illegible] - light residential

→ West - industrial zone - see land use map

South forest, open lands and industrial area as marked on land use map for WIL-08

Sensitive Receptors(additional)

Wilmington Jr. Camp at 500m - Northeast site

MWRA Field Survey Site #: NIL-01

Date: 11/13/96 Time: 8:45 Survey Team: Day, Christman, Parsons

Noise

General Environment: Quiet [✓ Noisy] Very Noisy

Sources(list): Description Approx. Distance

traffic on Ballardvale st &
construction <.5 km
Traffic from 93 ± 1km
Air traffic -noise

General Comments

Include buffers, transportation, water resources etc. Use reverse side if necessary. Focus on aspects of site not found on data sheets.

Buffer to the west — Ballardvale St. and industrial zone.

Primary Road — 93
Secondary Road - 125 E. (approx. .5km E)
Secondary Road - Ballardvale Rd. ±2km.
no light off 125 on to Ballardvale (policeman)
Dirt Road access (power. co. road).

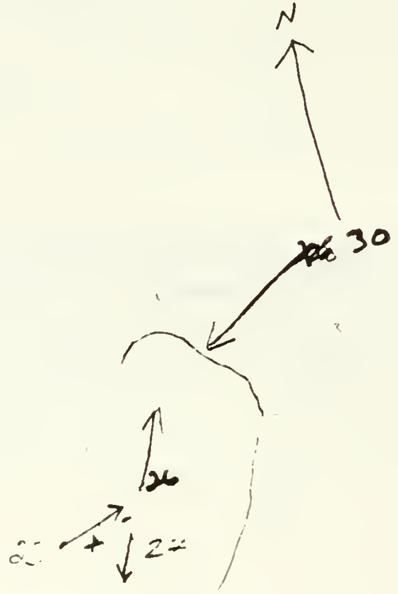
Heavy traffic on Ballardvale (commercial & industrial)

MWRA Field Survey   Site Location: W1-09   Site #: 09

Date: 1/18/86 Time: 8:45 Survey Team: [illegible]

PHOTO CHECK LIST

Roll #	Picture #	Description
D	# 25, 26, 27	
D	#30	off-site - Forested



Comments:

ASSESSOR OFFICE AND DEVELOPMENT INVESTIGATION SITE#: [illegible]

DATE: [illegible] TIME: 11 [illegible] ANALYST: [illegible] TOWN: Wilmington

ON SITE:
Identify Parcels - Acreage and Owner - (Assessor Office):

Parcel	Owner	Acreage
400-X Ballardvale St	Tambone AA + JW BlackBern TR	66.642 Ac
49 Ballardvale St	Roncalli Civic Prop. Assoc.	17.05 Ac

(Map R-3)

Development Proposal for Site (Engineering or Planning Dept.): The site is under development as "Wilmington Tech. Park". Road leading into site is "Research Drive.

OFF SITE:
Identify Contiguous Parcels of Land - Acreage and Owner (Assessor Office):

Location	Owner	Acreage
North of site	Wilmington Camps Inc.	41 A
N+NE "	Town of Wilmington (Town Forest)	153.73 A
NW "	Tambone AA + JW BlackBern TR	14.9 Ac
SW "	NE Power Co.	17.82 Ac
South East "	Brooks, Henry E Residential Area	23 Ac

See →

Development Proposal for Abutting Lands (Engineering or Planning Dept.): North of Wil-09 and including Wil-09, [illegible] Zone General Industrial (GI). S, SE + SW [illegible] The Zoning is Residential. To the SW a Condo development has been Proposed.

ADDITIONAL: Please sketch the on-site parcel division lines on the topo sheet in the individual file. Note any possible contiguous sites that might increase current site acreage. If an investigation of this off-site land is necessary for confirmation, please complete the visit or note the need. Please keep track of the names of the people with whom you speak:

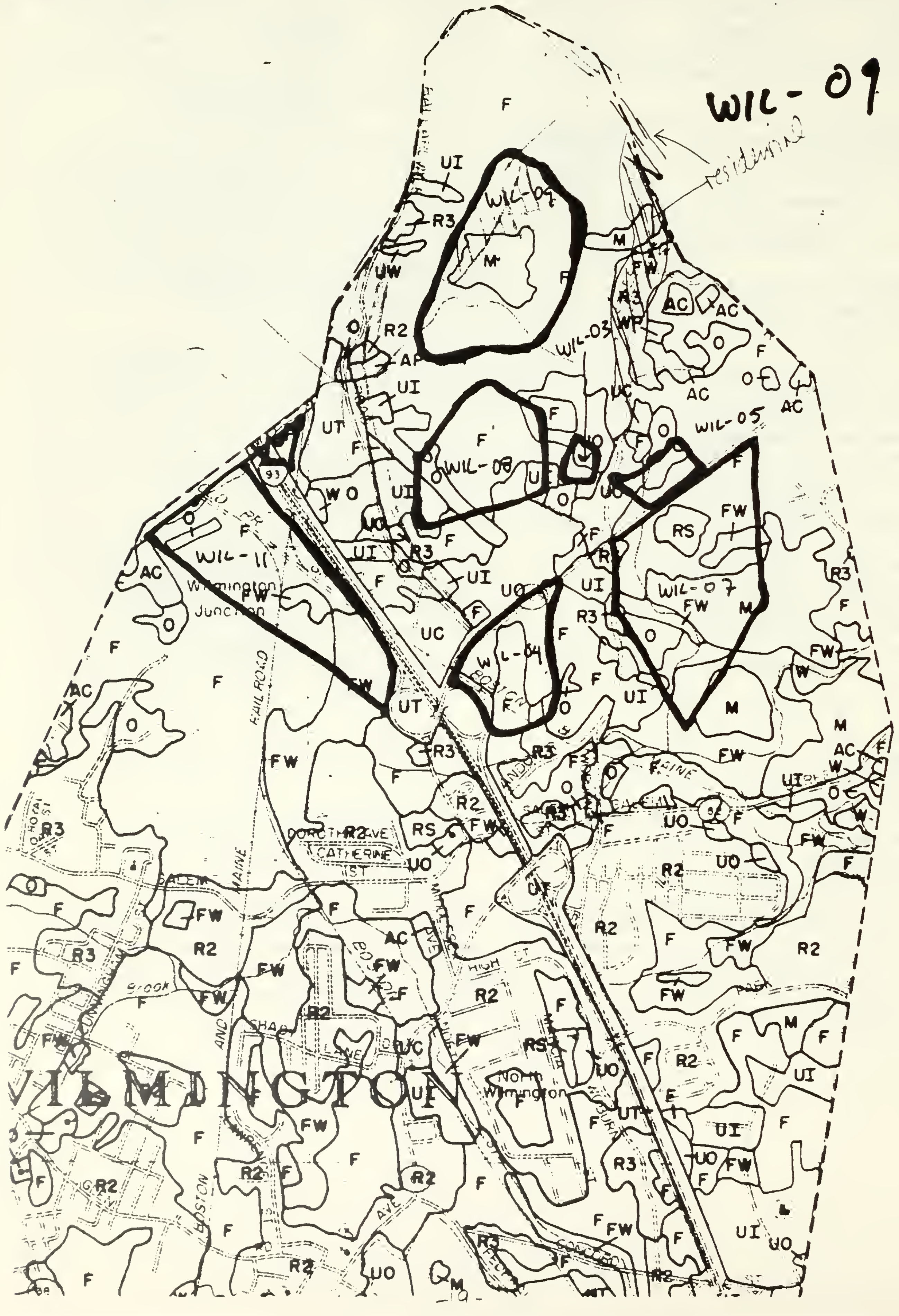
SITE NUMBER: PAGE 1 OF 2

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
ENGINEERING CONSIDERATIONS			[illegible]
○ Base Soil Characteristics	2	–	– residential area. [illegible] in construction
○ Topography	3		
○ Depth to Bedrock	2	1 – [illegible]	+
○ Potential for on-site Contamination	3	–	
ENGINEERING CONSIDERATIONS TOTAL	10	✓	
NOISE ENVIRONMENT			[illegible]
○ Proximity to Sensitive Noise Receptors	6	5	
○ Proximity to Existing Major Noise Sources	4	2 – Traffic on [illegible]	Slight noise from Rt 93
NOISE ENVIRONMENT TOTAL	10	✓	
LAND USE			
○ Current Site Use	3	0	P lt – subdivision of site
○ Neighboring Land Use	3	2	
○ Proximity to Sensitive Receptors	2	1	[illegible]
○ Community Development Objectives	2	2	
LAND USE TOTAL	10	5	
CULTURAL RESOURCES			
○ Proximity to Historical Resources	6	0	
○ Proximity to Archeological Resources	4	2 – 5½ and N end	undeveloped
CULTURAL RESOURCES TOTAL	10	5	
TRANSPORTATION			[illegible]
○ Site Rail Access	2	1 – ½ km W.	
○ Site Coastal Access	2		
○ Site Roadway Access	3	?	[illegible] on Bdla[illegible]
○ Traffic Operations Level of Service	3	2	– new on-site access develop[illegible]
TRANSPORTATION TOTAL	10	5	

SITE NUMBER: [illegible]

SCREENING CRITERIA	MAX POINTS	RAW SCORE	REVIEWER COMMENTS
SURFACE WATER			LD [illegible]
o Proximity to Surface Water Bodies	3	1	- Stream on-site
o Proximity to 100 Year Flood Zone	2	2	
o Water Quality Classification	5	[illegible]	
SURFACE WATER TOTAL	10	[illegible]	
GROUND WATER			
o Presence of Aquifer	2	2	LL - 95%
o Well Yield Potential	4	4	
o Proximity to Drinking Water Wells	4	4	
GROUND WATER TOTAL	10	10	
WETLANDS			LL
o Presence of Wetland On-Site	6	4	
o Proximity to Off-Site Wetlands	4	0	
WETLANDS TOTAL	10		
ECOLOGY			LL
o Presence of Threatened or Endangered Species	4		- Some residential land on site - Need mostly [illegible] Corridor [illegible]
o Terrestrial Ecology	2		
o Aquatic Ecology	4	4	Potential [illegible]
ECOLOGY TOTAL	10	0	
AIR QUALITY/ODORS			
o Impact Area Characteristics	3		
o Dispersion Characteristics			
- Ventillation	2		
- Terrain	1	1	
o Existing Air Quality/Source Characteristics			
- Attainment Status	2	0	
- Industrial Land Use	2		
AIR QUALITY/ODORS TOTAL	10	[illegible]	
SITE TOTAL	100	70	

WIL-09



WIL-09
residential
WIL-03
WIL-05
WIL-08
WIL-11
WIL-07
WIL-04
Wilmington Junction
North Wilmington
WILMINGTON
RAILROAD
93
62
SALEM
DOROTHY AVE
CATHERINE ST
HIGH ST
SHAW
LANE
BOSTON
CONCORD
AVE
AND MAINE
Brook
F
FW
M
UI
UO
UC
UT
UW
R2
R3
RS
AC
AP
WP
O
W